

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
 Data File : BN016599.D
 Acq On : 30 Sep 2021 10:23
 Operator : CG/JU
 Sample : PB139433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 30 11:17:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 02:08:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

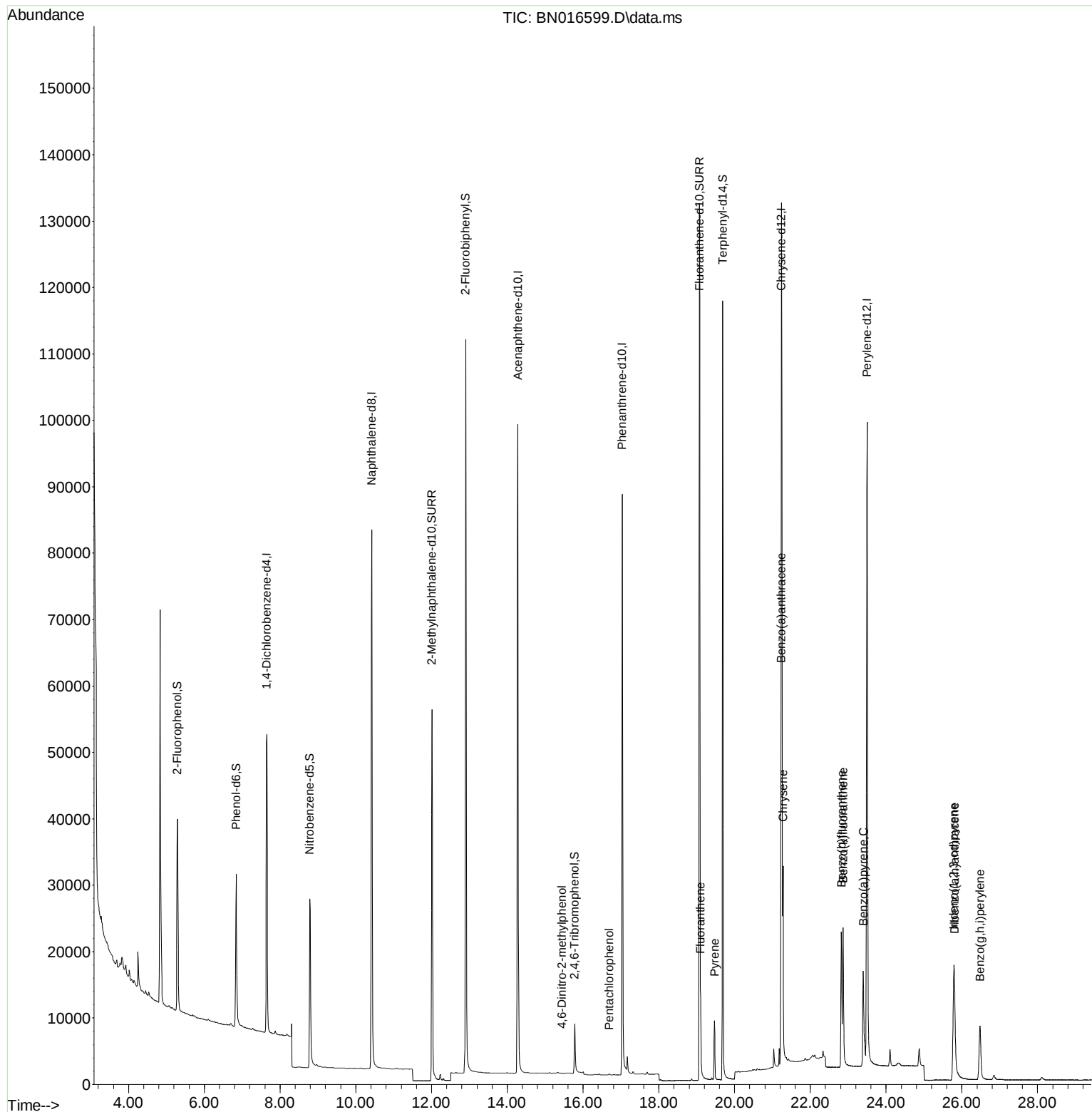
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	27312	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	122411	0.400	ng	0.00
13) Acenaphthene-d10	14.281	164	64272	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	120443	0.400	ng	0.00
29) Chrysene-d12	21.238	240	124487	0.400	ng	0.00
35) Perylene-d12	23.498	264	132348	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	29073	0.415	ng	0.03
5) Phenol-d6	6.840	99	26812	0.358	ng	0.00
8) Nitrobenzene-d5	8.784	82	27392	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	80839	0.452	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	7656	0.261	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	100855	0.382	ng	0.00
27) Fluoranthene-d10	19.073	212	154711	0.469	ng	0.00
31) Terphenyl-d14	19.688	244	121908	0.450	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.436	198	6	0.201	ng	# 1
24) Pentachlorophenol	16.689	266	137	0.147	ng	90
28) Fluoranthene	19.103	202	8273	0.021	ng	96
30) Pyrene	19.470	202	8443	0.021	ng	99
32) Benzo(a)anthracene	21.227	228	21779	0.057	ng	99
33) Chrysene	21.281	228	24753	0.062	ng	99
36) Indeno(1,2,3-cd)pyrene	25.785	276	24575	0.050	ng	99
37) Benzo(b)fluoranthene	22.820	252	26379	0.064	ng	95
38) Benzo(k)fluoranthene	22.865	252	26274	0.063	ng	94
39) Benzo(a)pyrene	23.395	252	23724	0.062	ng	# 93
40) Dibenzo(a,h)anthracene	25.805	278	19945	0.050	ng	95
41) Benzo(g,h,i)perylene	26.479	276	18689	0.043	ng	98

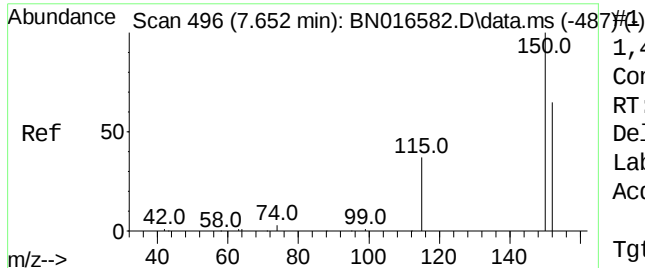
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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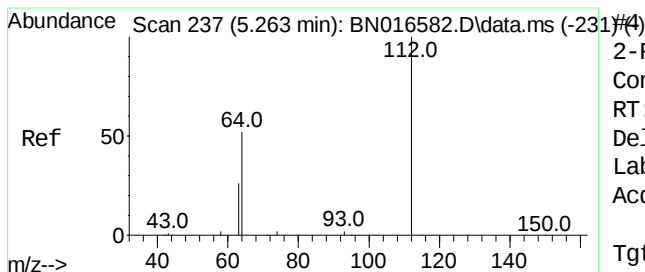
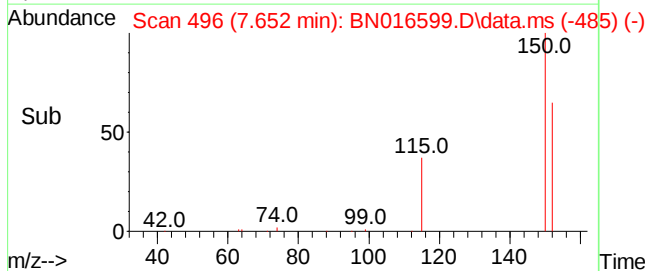
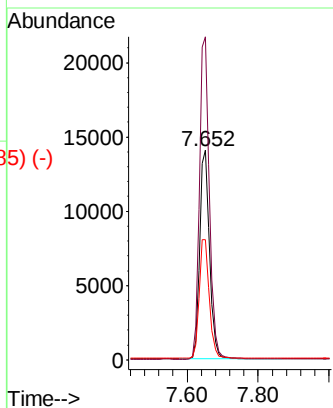
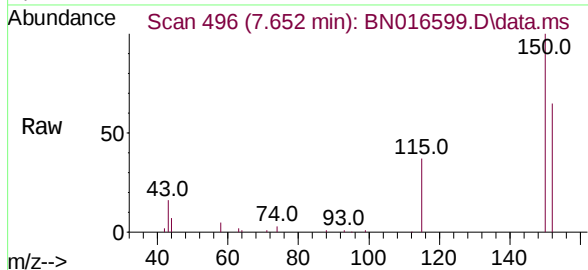




1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.652 min Scan# 496
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

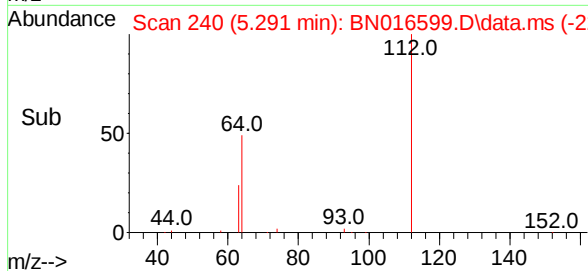
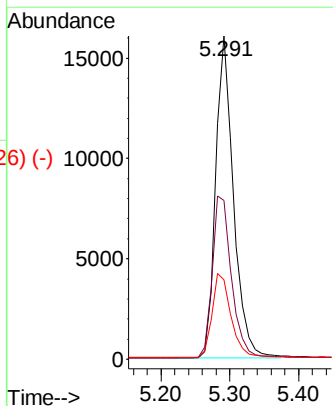
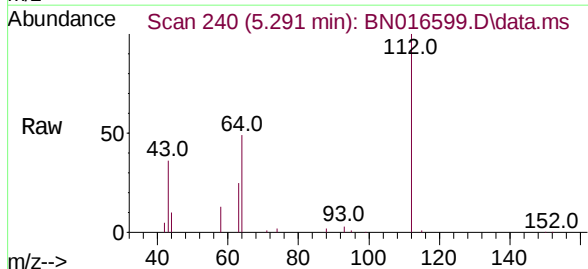
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

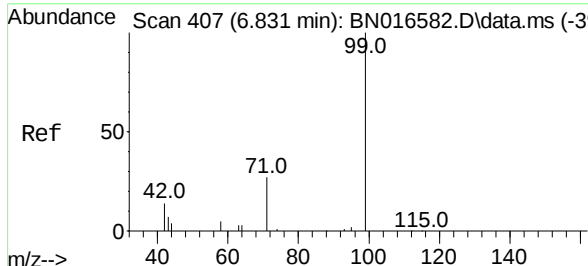
Tgt Ion:	152	Resp:	27312
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.3	184.9
115	57.3	46.2	69.2



2-Fluorophenol
Concen: 0.415 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.028 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Tgt Ion:	112	Resp:	29073
Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.4	65.2
63	27.2	21.8	32.8

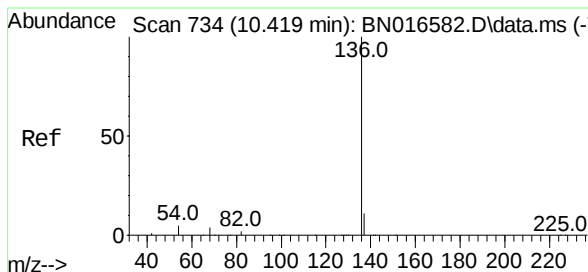
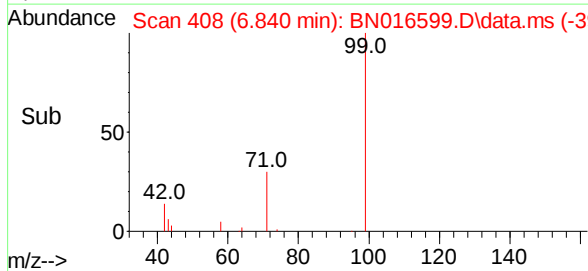
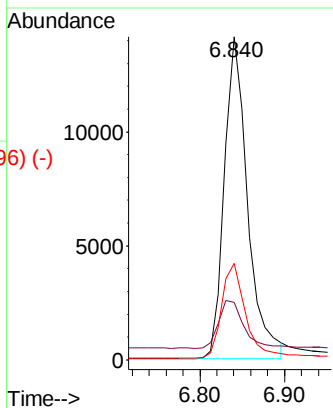
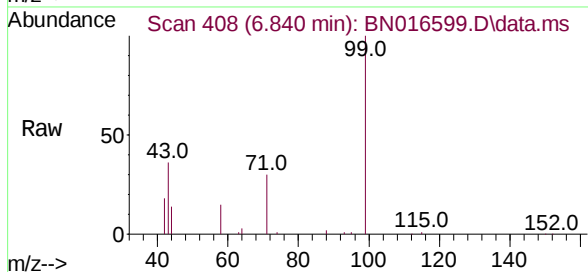




Phenol-d6
 Concen: 0.358 ng
 RT: 6.840 min Scan# 408
 Delta R.T. 0.009 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

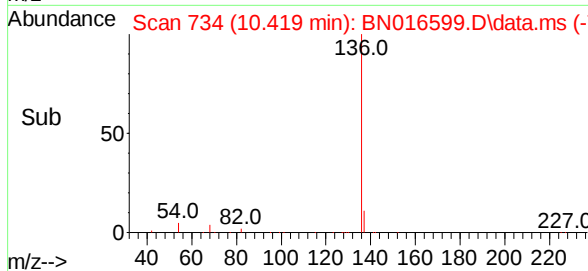
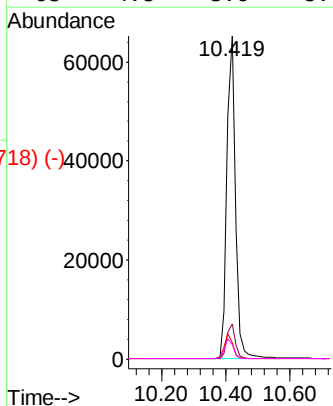
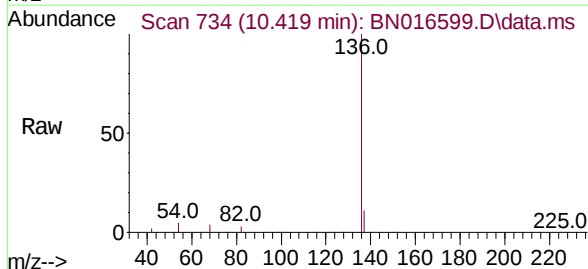
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

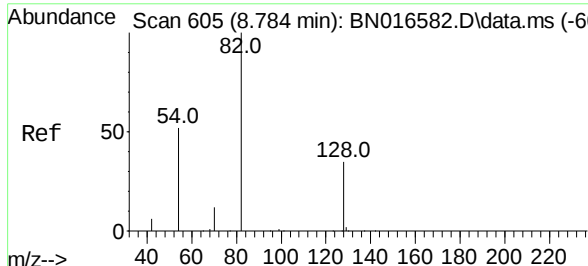
Tgt Ion:	99	Resp:	26812
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.3	19.9
71	30.1	23.7	35.5



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.419 min Scan# 734
 Delta R.T. -0.000 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

Tgt Ion:	136	Resp:	122411
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.1	4.0	6.0
68	4.5	3.6	5.4

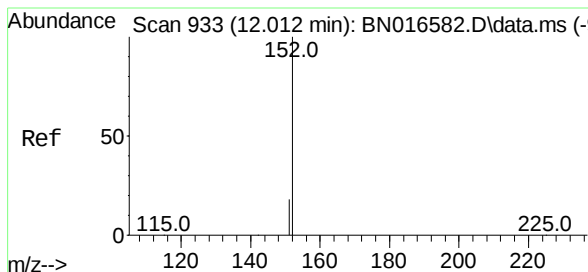
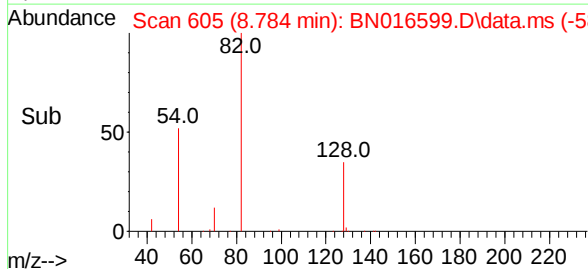
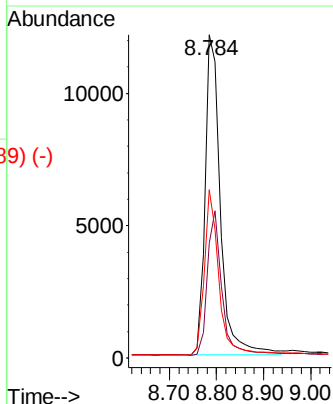
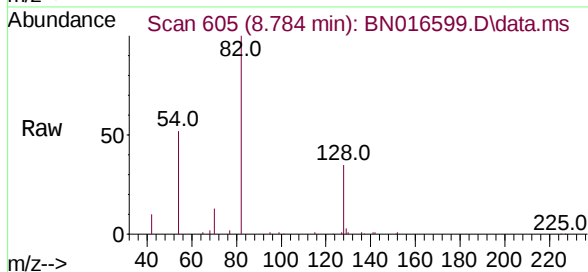




Nitrobenzene-d5
 Concen: 0.356 ng
 RT: 8.784 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

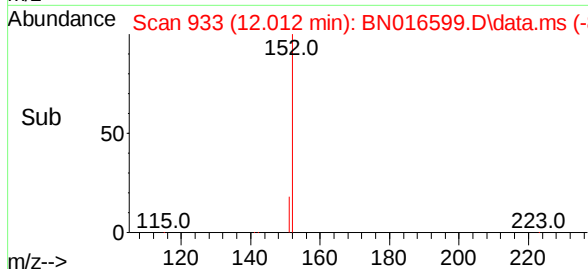
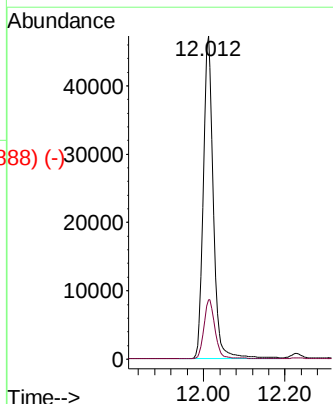
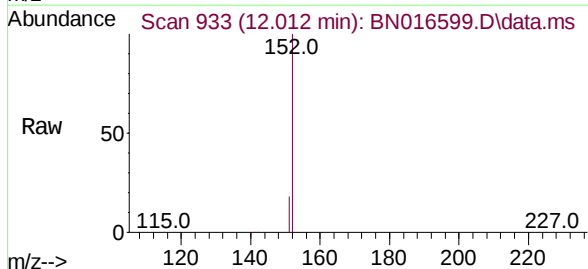
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:	82	Resp:	27392
Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.6	42.8
54	52.1	42.0	63.0



2-Methylnaphthalene-d10
 Concen: 0.452 ng
 RT: 12.012 min Scan# 933
 Delta R.T. -0.000 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

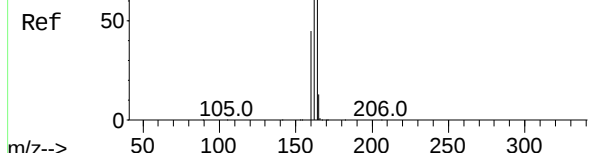
Tgt Ion:	152	Resp:	80839
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5



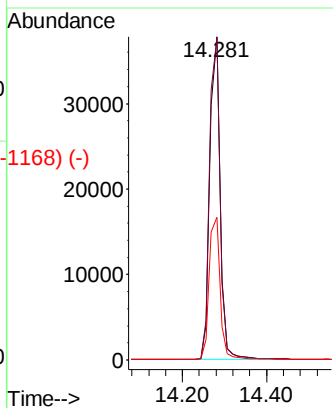
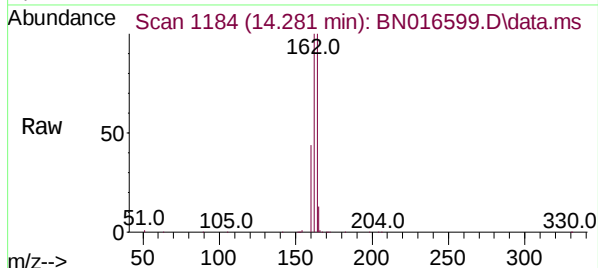
Abundance Scan 1184 (14.281 min): BN016582.D\data.ms (-1118) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

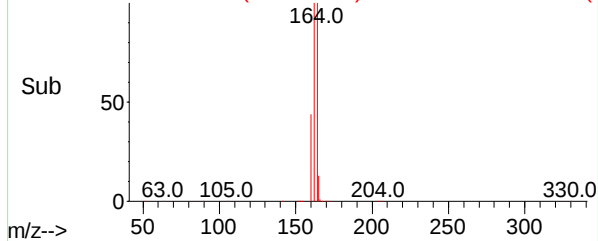
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



Tgt Ion:	164	Resp:	64272
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.8	119.6
160	44.1	35.7	53.5



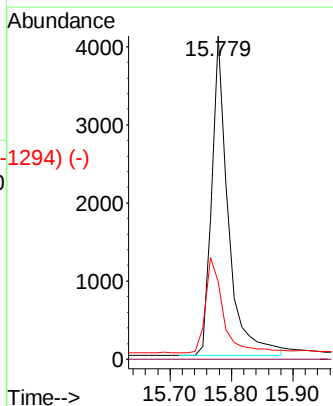
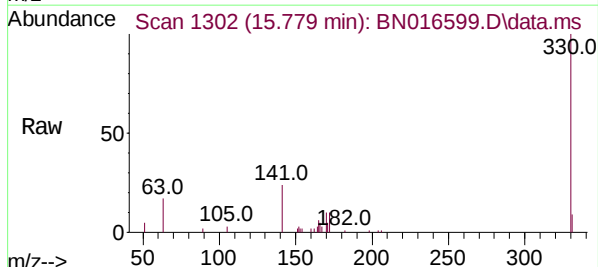
Abundance Scan 1184 (14.281 min): BN016599.D\data.ms (-1168) (-)



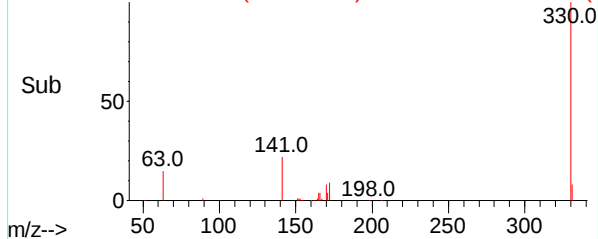
Abundance Scan 1302 (15.779 min): BN016582.D\data.ms (-1294) (-)

2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

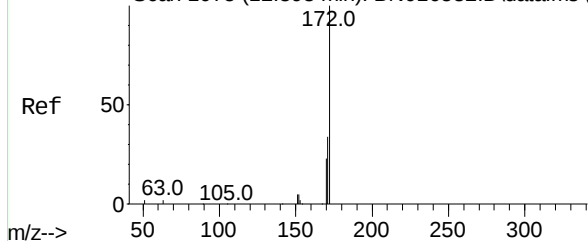
Tgt Ion:	330	Resp:	7656
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	31.8	25.4	38.2



Abundance Scan 1302 (15.779 min): BN016599.D\data.ms (-1294) (-)



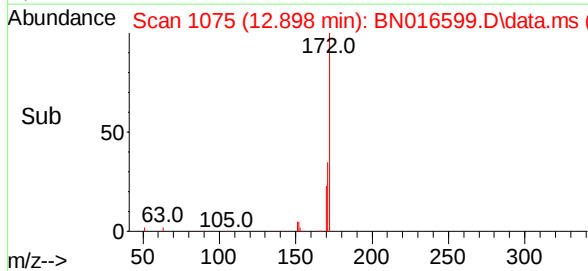
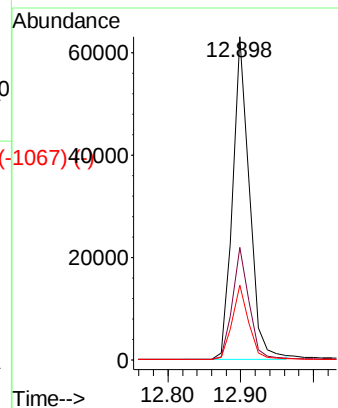
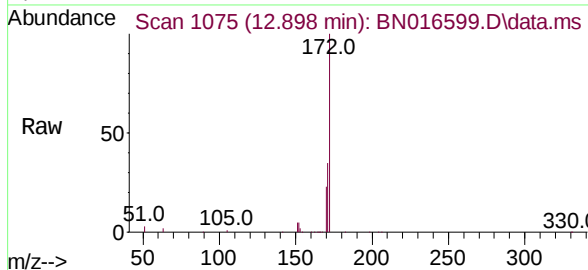
Abundance Scan 1075 (12.898 min): BN016582.D\data.ms (-1075) (-)



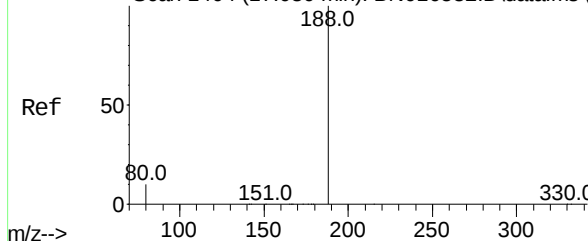
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tgt Ion:	172	Resp:	100855
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.2	18.7	28.1

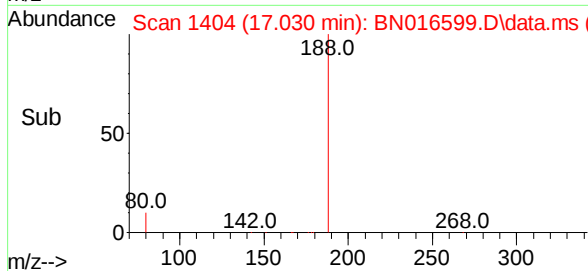
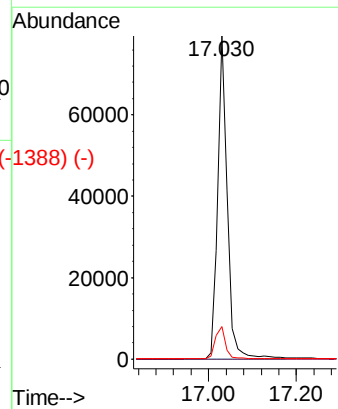
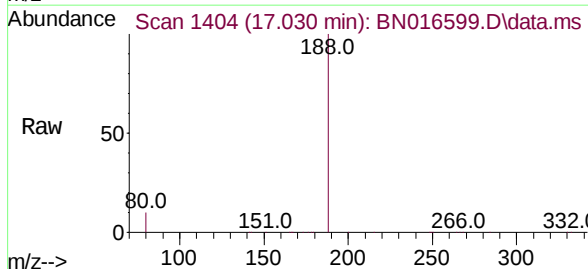


Abundance Scan 1404 (17.030 min): BN016582.D\data.ms (-1404) (-)



Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

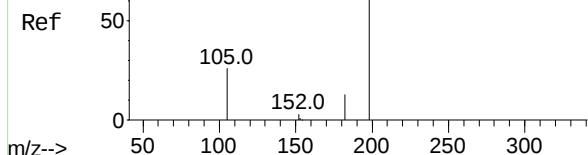
Tgt Ion:	188	Resp:	120443
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.1	12.1



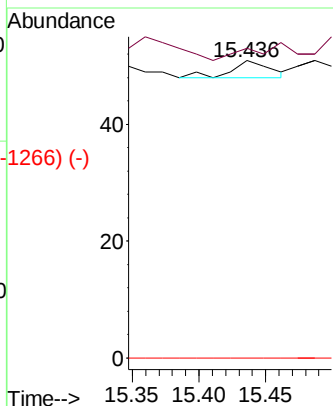
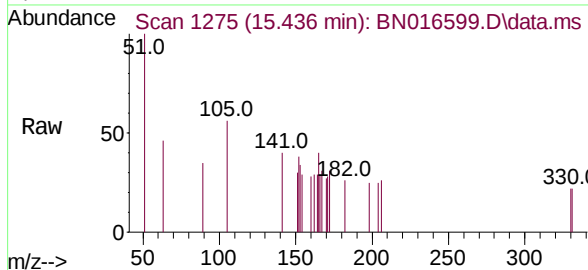
Abundance Scan 1274 (15.423 min): BN016582.D\data.ms (-1266) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

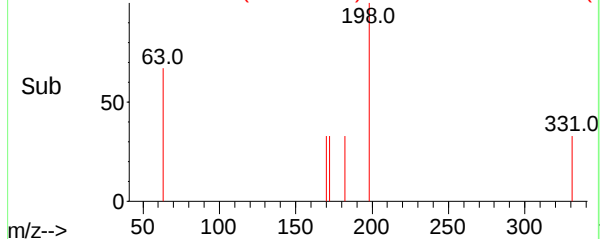
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



Tgt Ion:	198	Resp:	6
Ion	Ratio	Lower	Upper
198	100		
182	103.9	12.3	18.5#
77	0.0	0.0	0.0



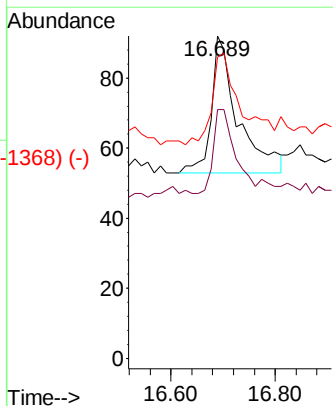
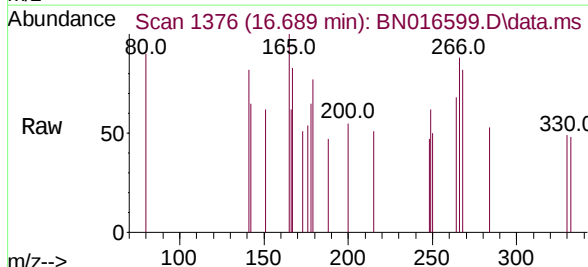
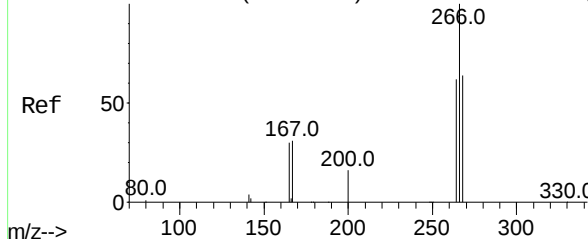
Abundance Scan 1275 (15.436 min): BN016599.D\data.ms (-1266) (-)



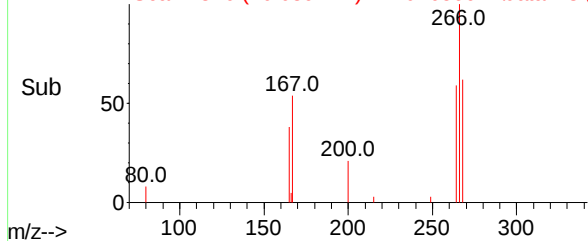
Abundance Scan 1376 (16.689 min): BN016582.D\data.ms (-1374) (-)

Pentachlorophenol
Concen: 0.147 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Tgt Ion:	266	Resp:	137
Ion	Ratio	Lower	Upper
266	100		
264	56.9	50.5	75.7
268	73.7	51.4	77.2



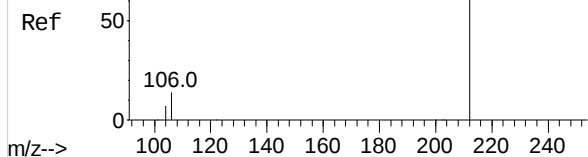
Abundance Scan 1376 (16.689 min): BN016599.D\data.ms (-1368) (-)



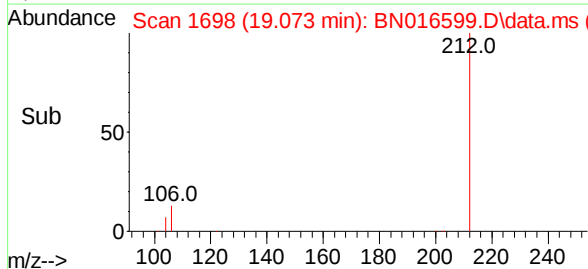
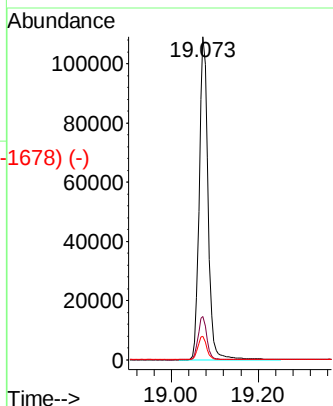
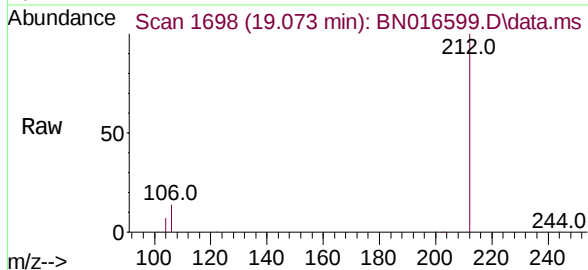
Abundance Scan 1698 (19.073 min): BN016582.D\data.ms (-1627) (-)

Fluoranthene-d10
Concen: 0.469 ng
RT: 19.073 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



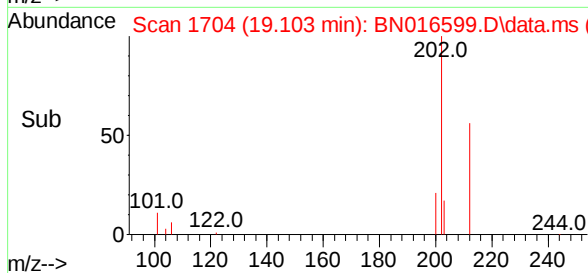
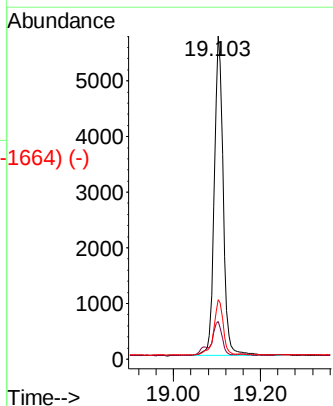
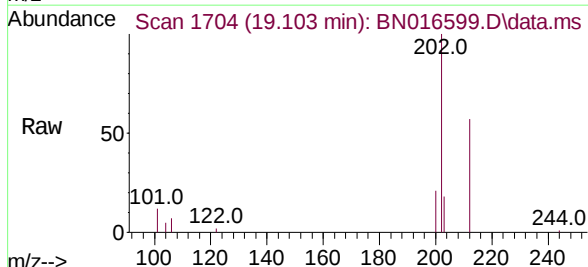
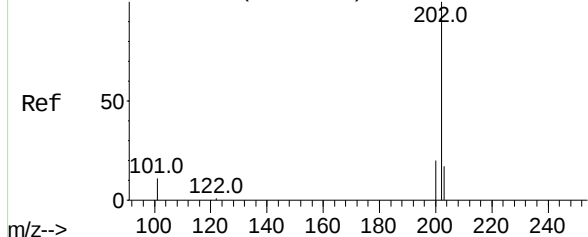
Tgt Ion:	212	Resp:	154711
Ion Ratio	Lower	Upper	
212	100		
106	13.5	11.0	16.6
104	7.3	6.0	9.0



Abundance Scan 1704 (19.103 min): BN016582.D\data.ms (-1628) (-)

Fluoranthene
Concen: 0.021 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

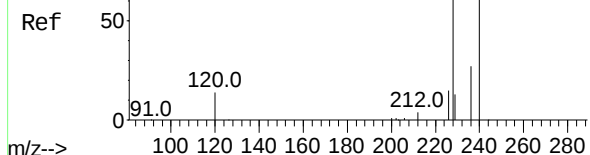
Tgt Ion:	202	Resp:	8273
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.1	13.7
203	18.4	13.8	20.8



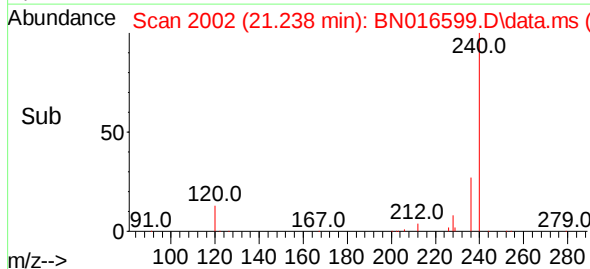
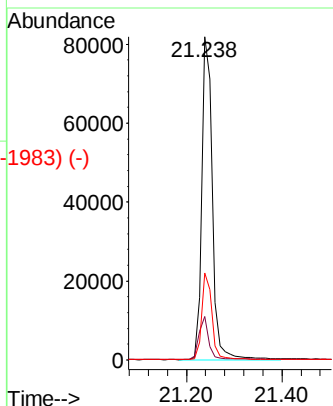
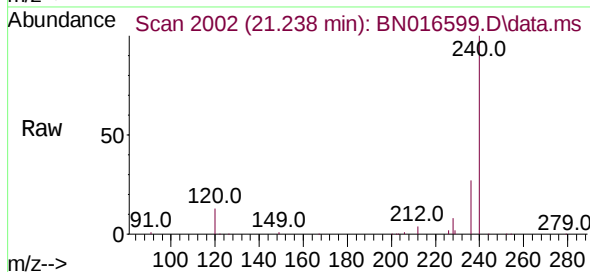
Abundance Scan 2002 (21.238 min): BN016582.D\data.ms (-1929) (-)

Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

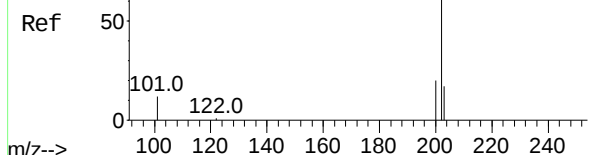


Tgt Ion:	240	Resp:	124487
Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.6	17.4
236	26.9	21.6	32.4

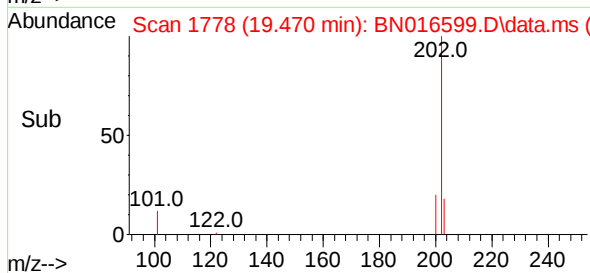
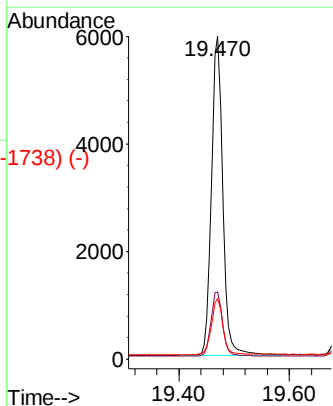
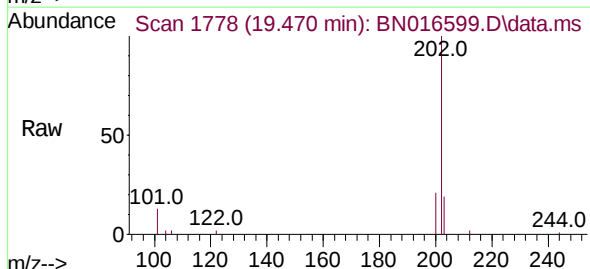


Abundance Scan 1778 (19.470 min): BN016582.D\data.ms (-1738) (-)

Pyrene
Concen: 0.021 ng
RT: 19.470 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23



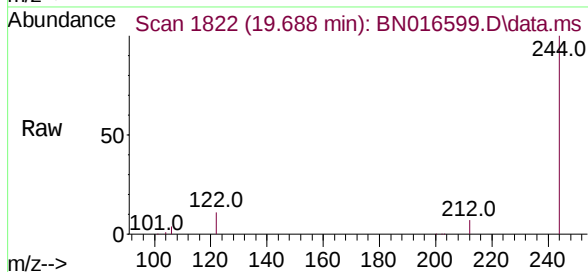
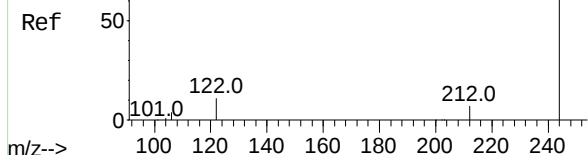
Tgt Ion:	202	Resp:	8443
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.0	13.9	20.9



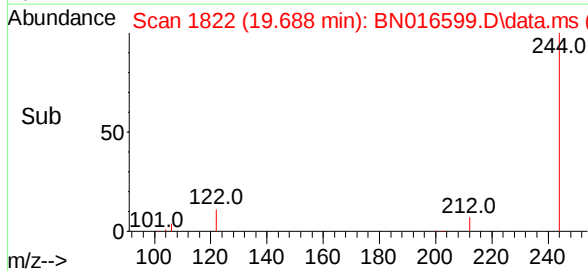
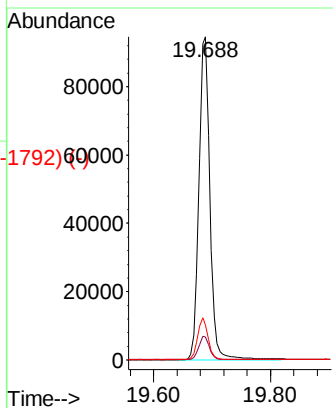
Abundance Scan 1822 (19.688 min): BN016582.D\data.ms (-1633) (-)

Terphenyl-d14
Concen: 0.450 ng
RT: 19.688 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

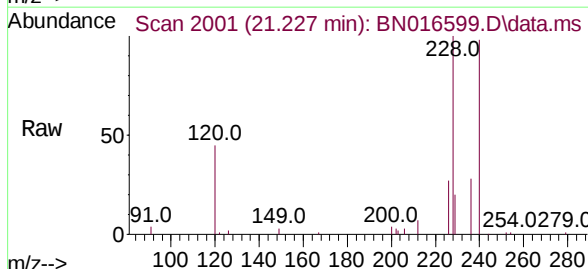
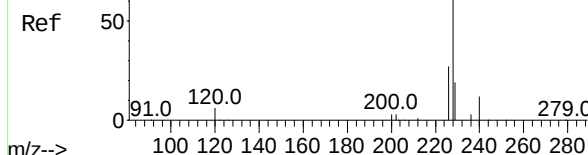


Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.9	9.2	13.8

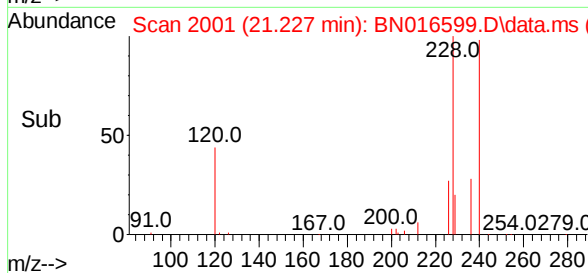
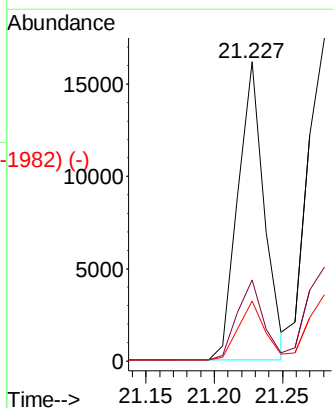


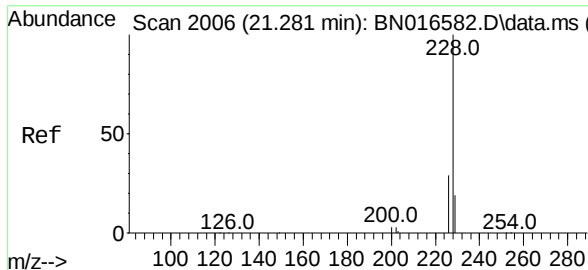
Abundance Scan 2001 (21.227 min): BN016582.D\data.ms (-1932) (-)

Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23



Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	20.0	15.6	23.4

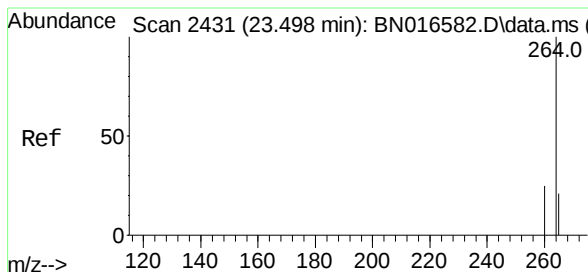
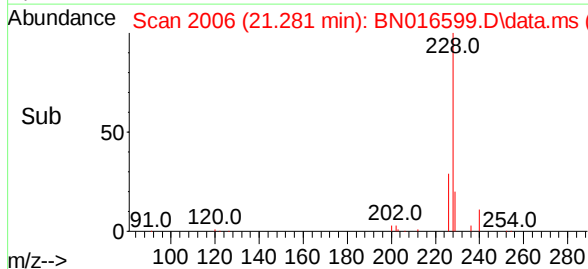
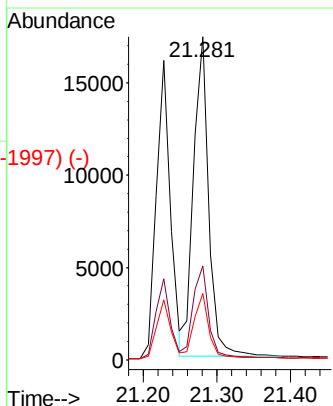
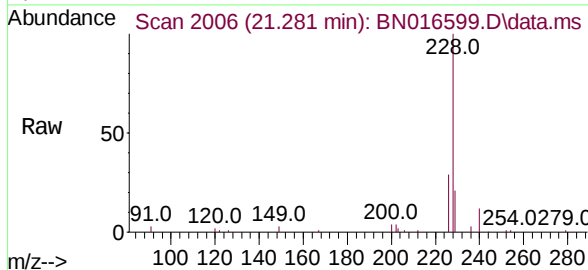




Chrysene
 Concen: 0.062 ng
 RT: 21.281 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

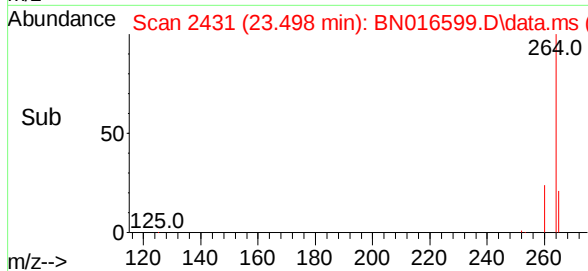
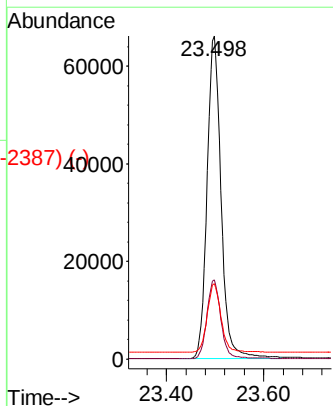
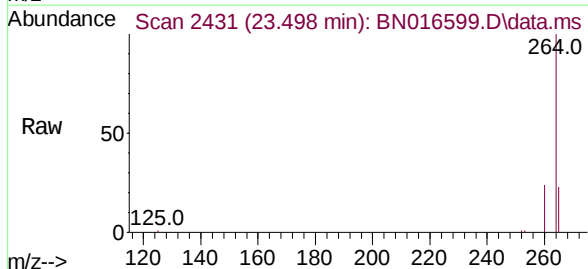
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:	228	Resp:	24753
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.5	15.7	23.5

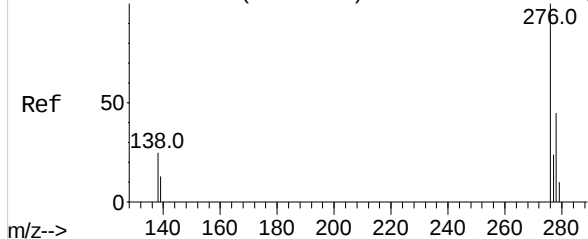


Perylene-d12
 Concen: 0.400 ng
 RT: 23.498 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN016599.D
 Acq: 30 Sep 2021 10:23

Tgt Ion:	264	Resp:	132348
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	23.4	18.9	28.3

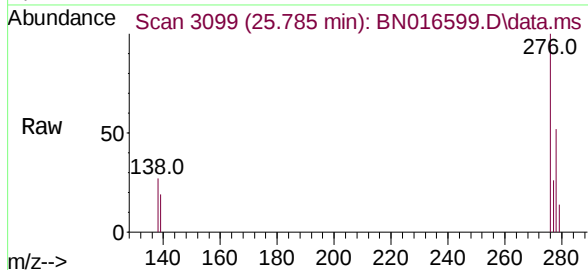


Abundance Scan 3099 (25.785 min): BN016582.D\data.ms (-3070) (-)

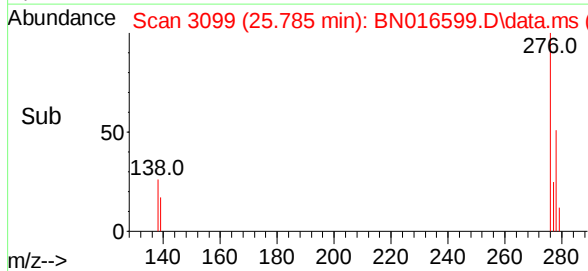
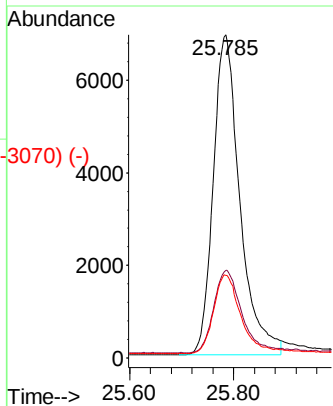


Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng
RT: 25.785 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

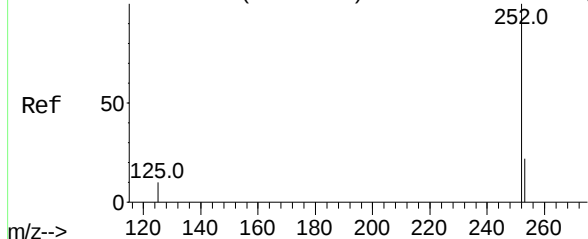
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



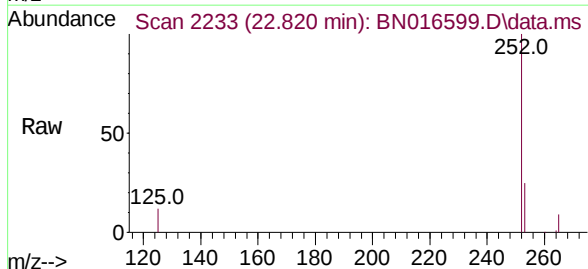
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.1	31.7
277	25.4	20.0	30.0



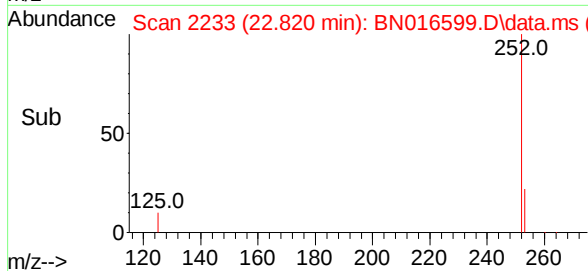
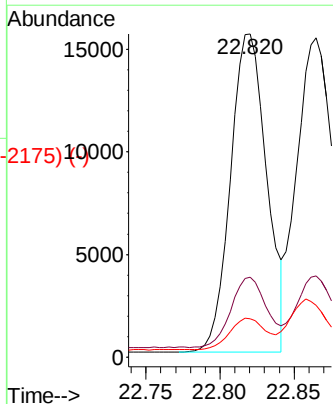
Abundance Scan 2233 (22.820 min): BN016582.D\data.ms (-2175) (-)



Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 22.820 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23



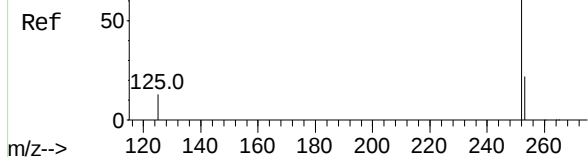
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	11.8	8.2	12.2



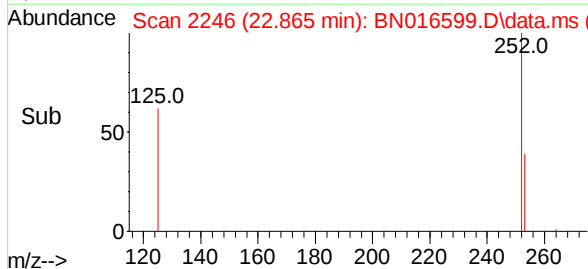
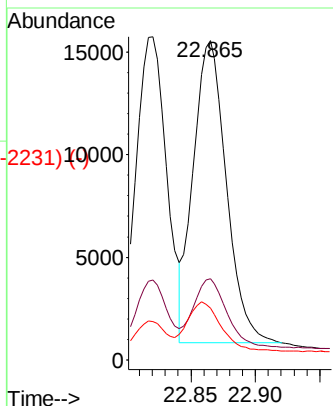
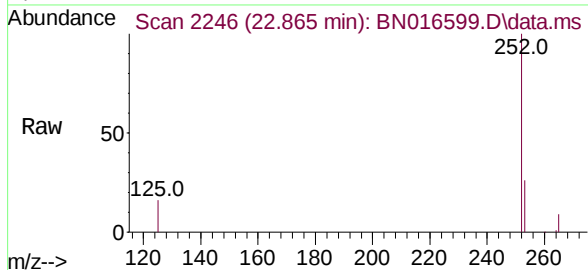
Abundance Scan 2246 (22.865 min): BN016582.D\data.ms (-2239) (-)

Benzo(k)fluoranthene
Concen: 0.063 ng
RT: 22.865 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



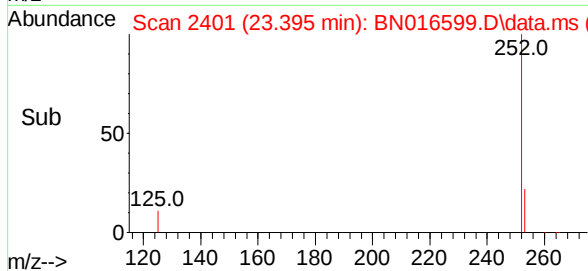
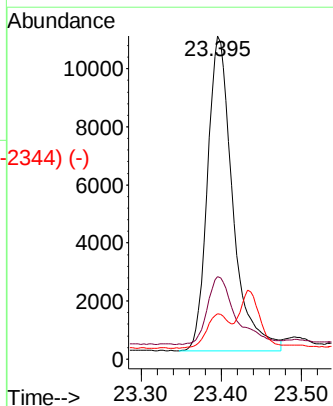
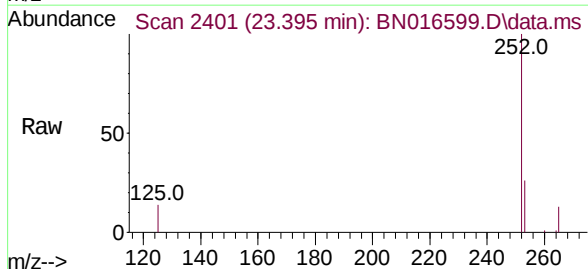
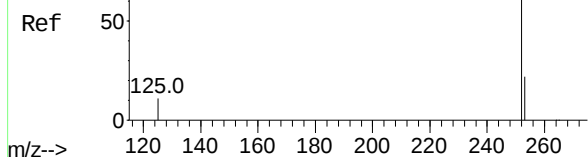
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	16.2	11.0	16.4



Abundance Scan 2402 (23.395 min): BN016582.D\data.ms (-2344) (-)

Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.395 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

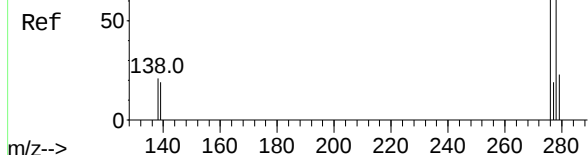
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	14.1	9.2	13.8#



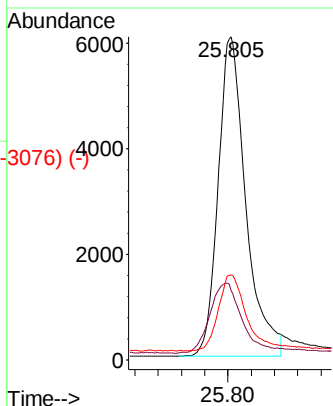
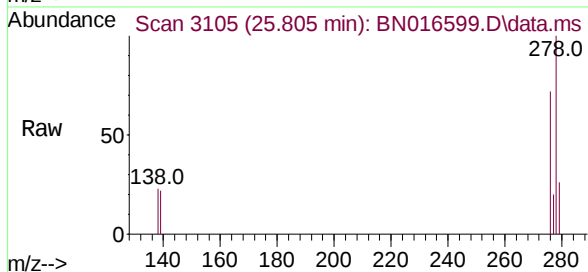
Abundance Scan 3105 (25.805 min): BN016582.D\data.ms (-3074) (-)

Dibenzo(a,h)anthracene
Concen: 0.050 ng
RT: 25.805 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

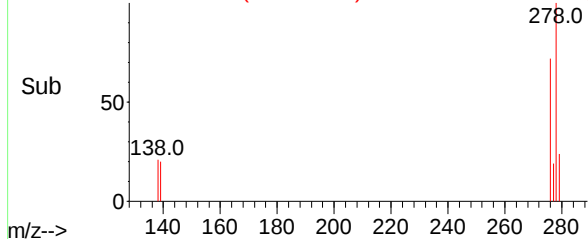
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2



Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.6	23.4
279	26.4	19.0	28.4



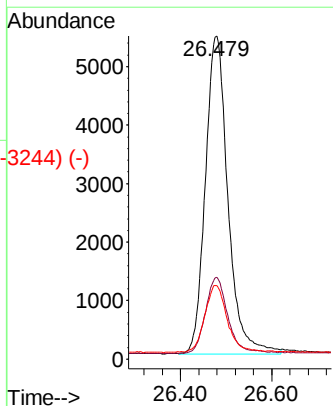
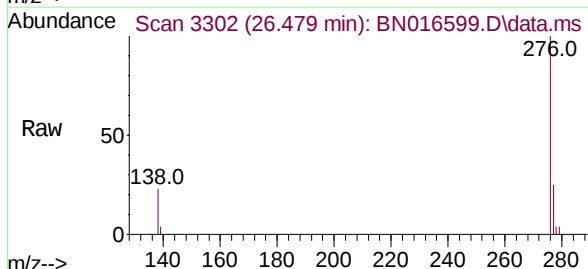
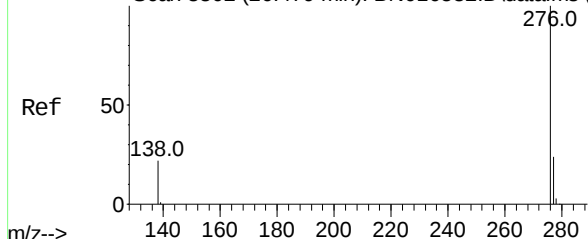
Abundance Scan 3105 (25.805 min): BN016599.D\data.ms (-3076) (-)



Abundance Scan 3302 (26.479 min): BN016582.D\data.ms (-3274) (-)

Benzo(g,h,i)perylene
Concen: 0.043 ng
RT: 26.479 min Scan# 3302
Delta R.T. 0.000 min
Lab File: BN016599.D
Acq: 30 Sep 2021 10:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.6
138	22.7	17.5	26.3



Abundance Scan 3302 (26.479 min): BN016599.D\data.ms (-3244) (-)

