Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016787.D
Acq On : 06 Oct 2021 19:53
Operator : CG/JU
Sample : M3915-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE109D1-20210922

Quant Time: Oct 07 00:59:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20992	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	97881	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	55092	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	108787	0.400	ng	# 0.00
29) Chrysene-d12	21.228	240	115813	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	123172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	6620	0.124	ng	0.02
5) Phenol-d6	6.822	99	4032	0.068	ng	0.00
8) Nitrobenzene-d5	8.772	82	17538	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	43788	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	7935	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	56438	0.256	ng	0.00
27) Fluoranthene-d10	19.058	212	113415	0.381	ng	0.00
31) Terphenyl-d14	19.674	244	93683	0.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	21496	2.194	ng	# 71
3) n-Nitrosodimethylamine	3.502	42	604	0.038	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.360	198	20	0.268	ng	# 1
24) Pentachlorophenol	16.677	266	71	0.340	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.164	149	26979	0.124	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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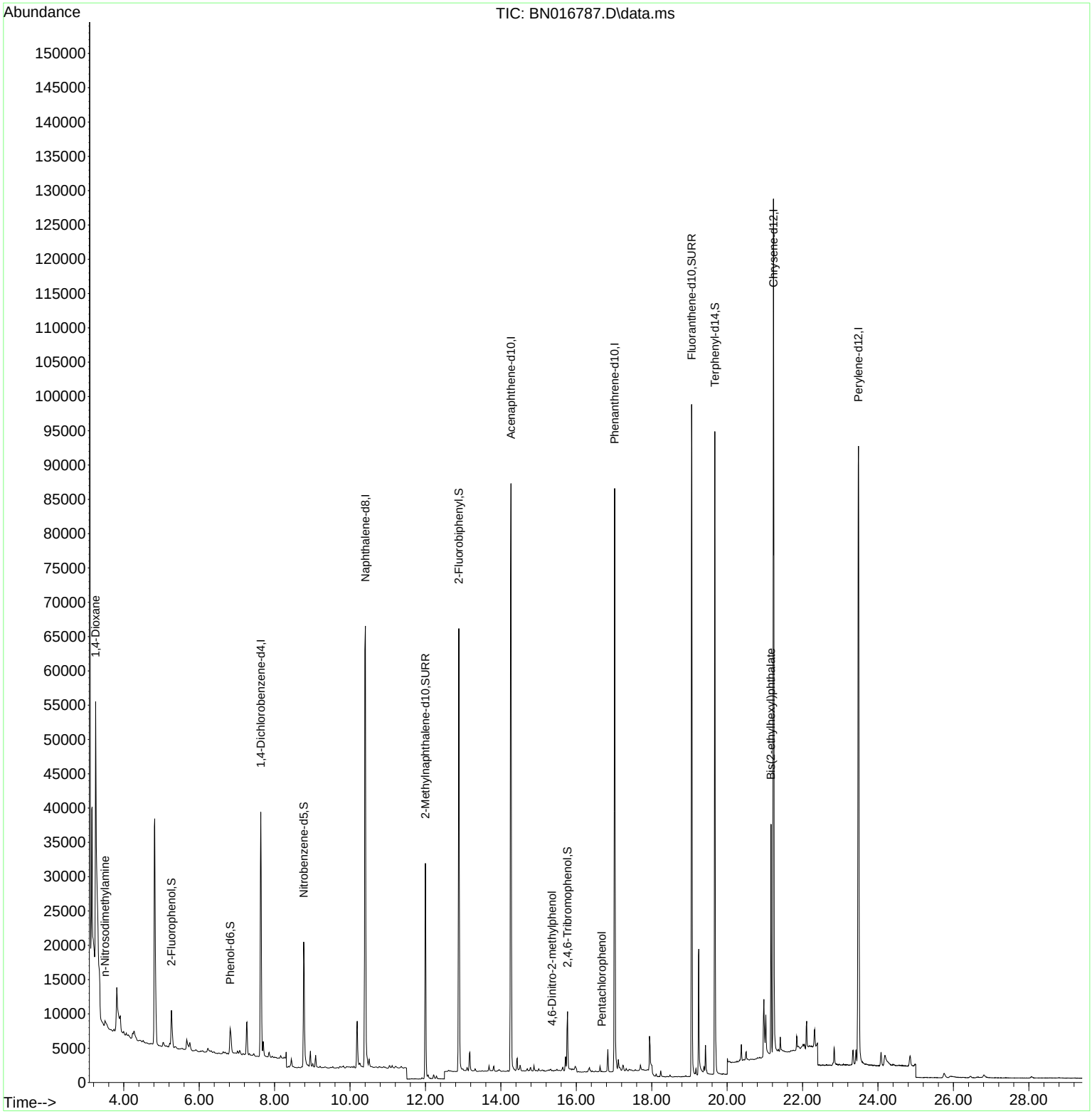
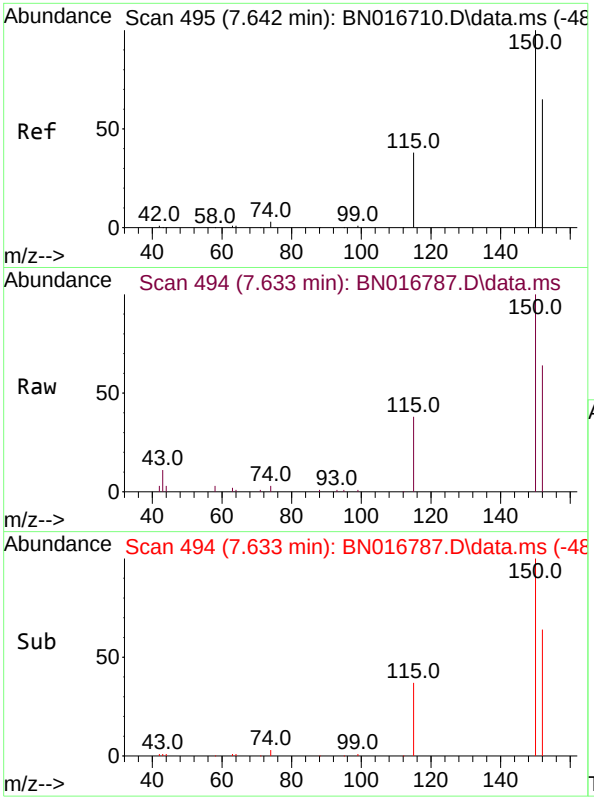


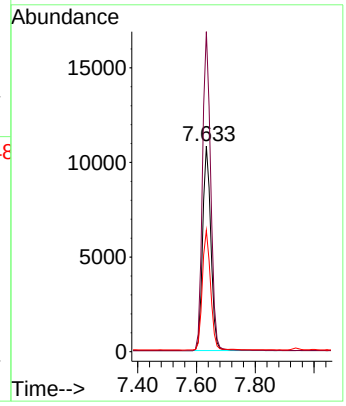
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

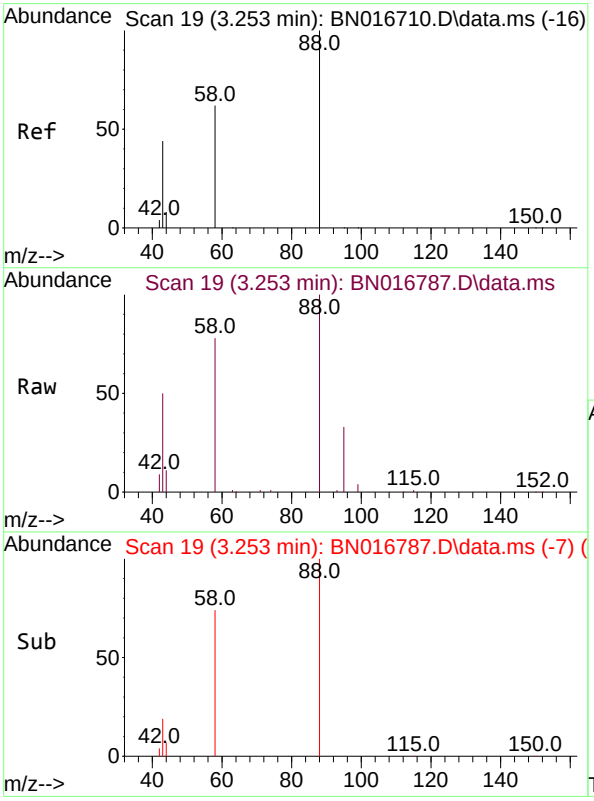


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:152 Resp: 20992

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.3	184.9
115	59.0	47.0	70.6

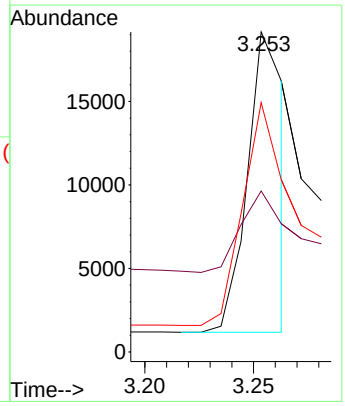




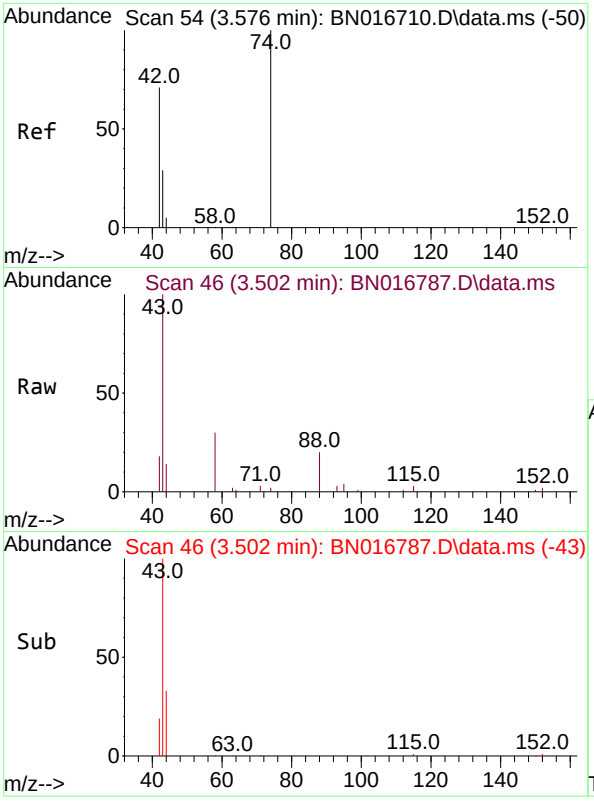
#2
1,4-Dioxane
Concen: 2.194 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion: 88 Resp: 21496

Ion	Ratio	Lower	Upper
88	100		
43	28.3	61.7	92.5#
58	75.9	62.2	93.2



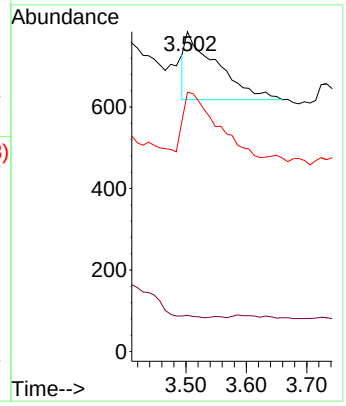
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

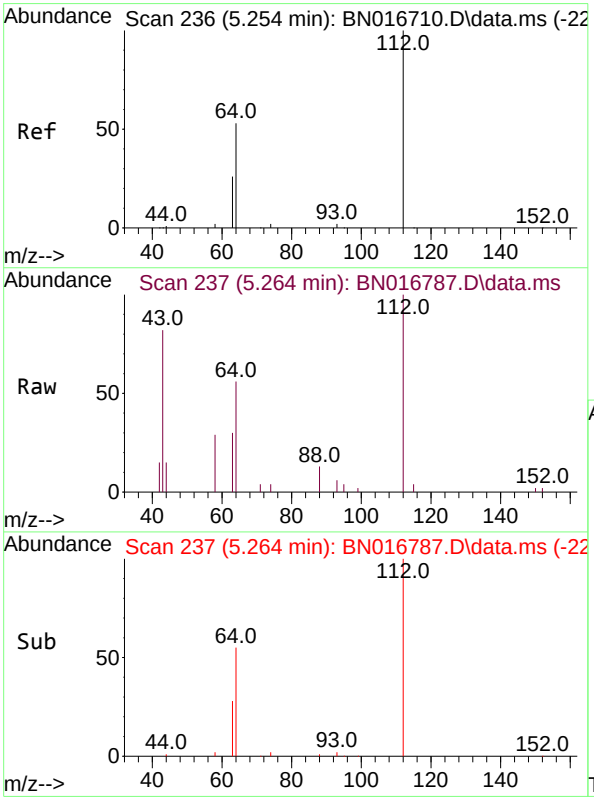


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion: 42 Resp: 604

Ion	Ratio	Lower	Upper
42	100		
74	0.0	124.0	186.0#
44	93.4	5.6	8.4#

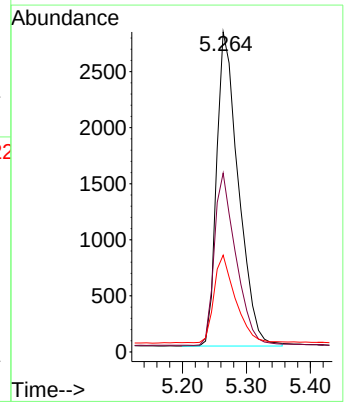




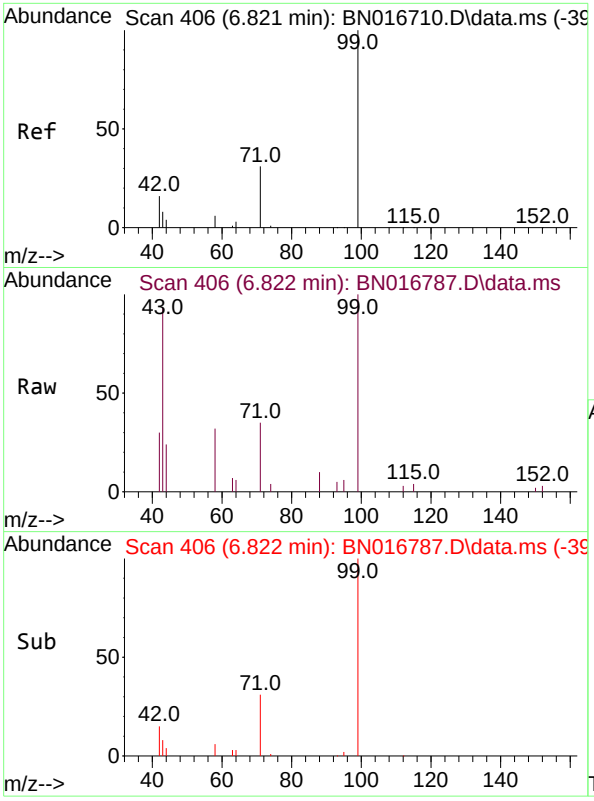
#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:112 Resp: 6620

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.9	64.3
63	27.8	21.5	32.3



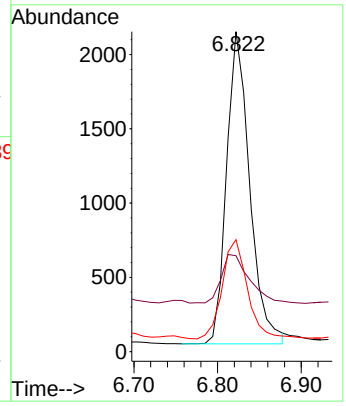
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

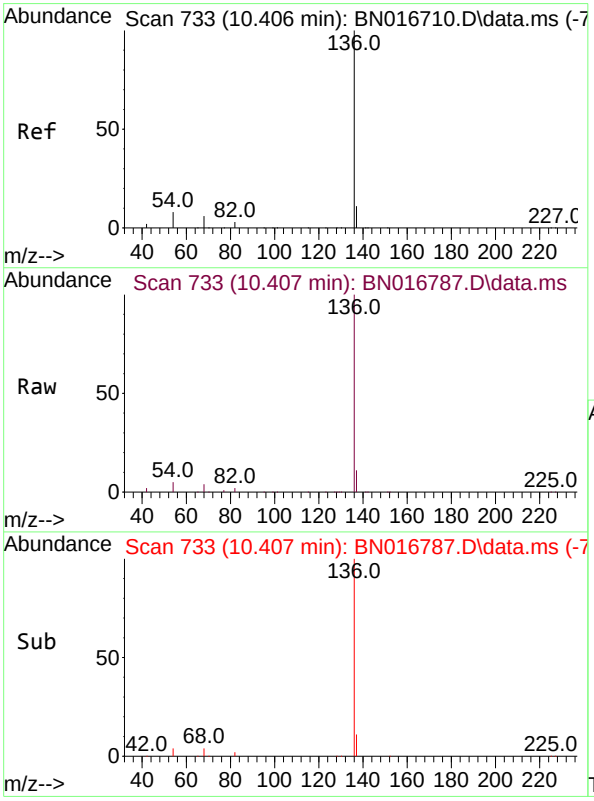


#5
Phenol-d6
Concen: 0.068 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion: 99 Resp: 4032

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.4	20.2
71	34.4	24.0	36.0

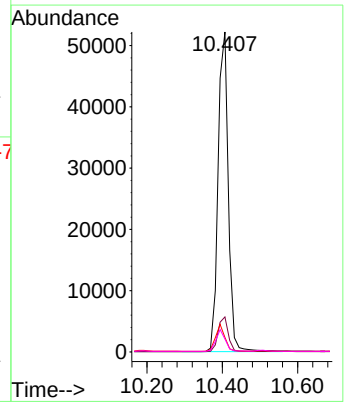


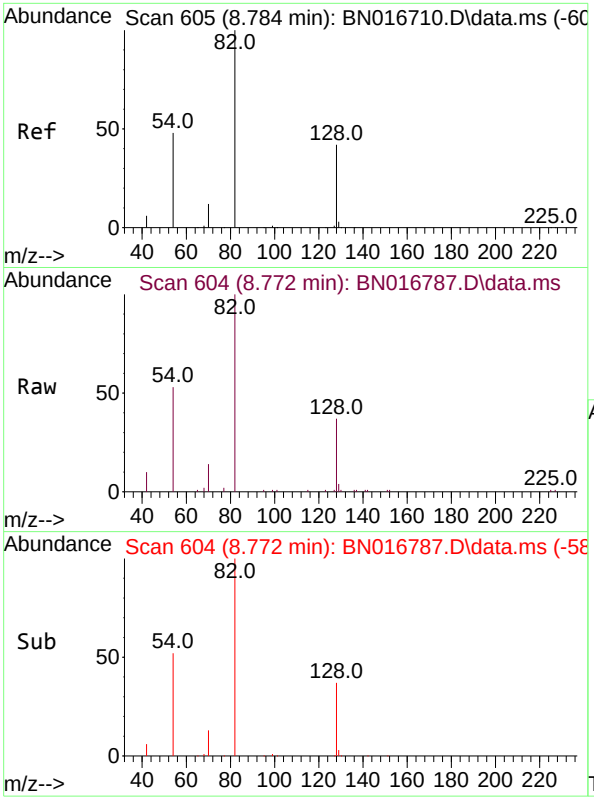


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:136 Resp: 97881

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.6	6.5	9.7#
68	4.1	5.3	7.9#

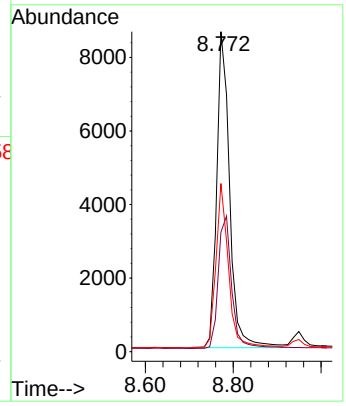




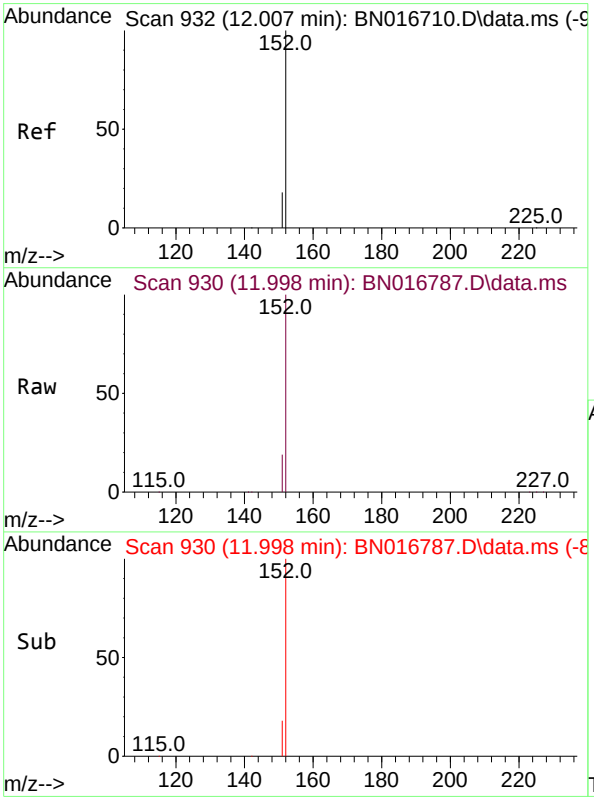
#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion: 82 Resp: 17538

Ion	Ratio	Lower	Upper
82	100		
128	37.4	33.8	50.6
54	52.6	38.5	57.7



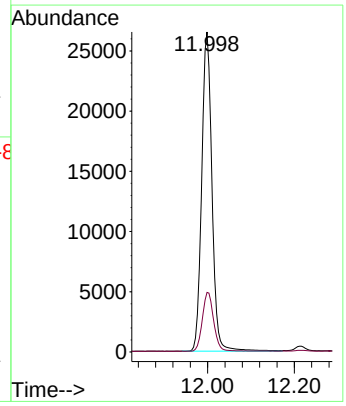
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922



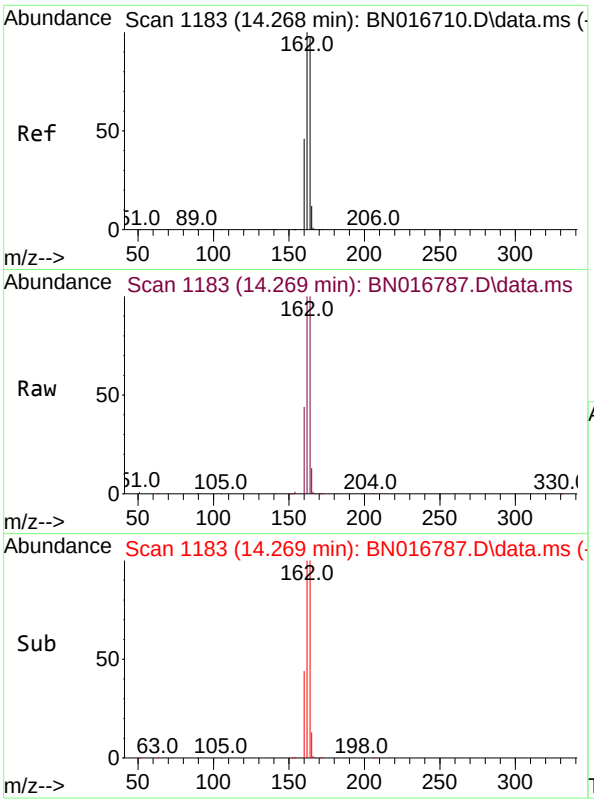
#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:152 Resp: 43788

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4



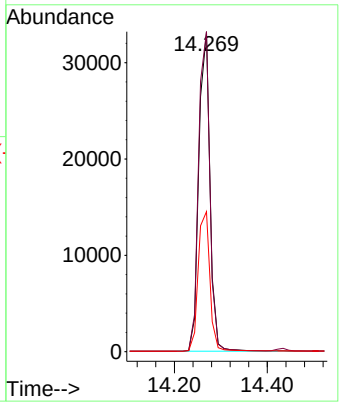
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

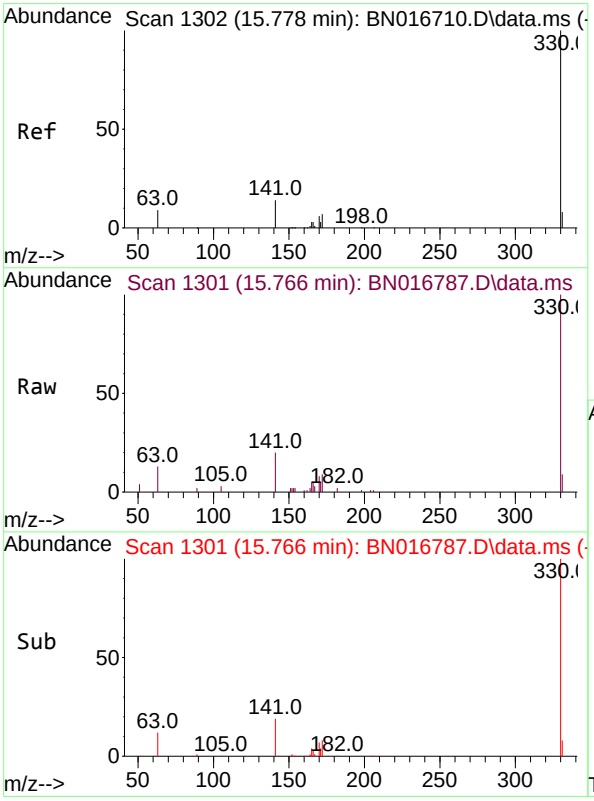


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:164 Resp: 55092

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	124.0
160	43.8	38.2	57.2

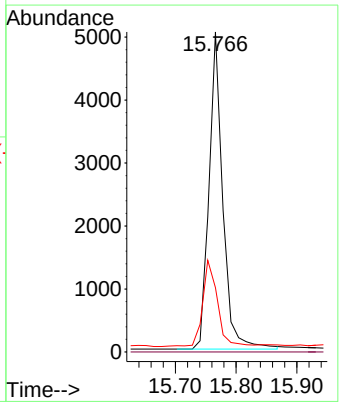




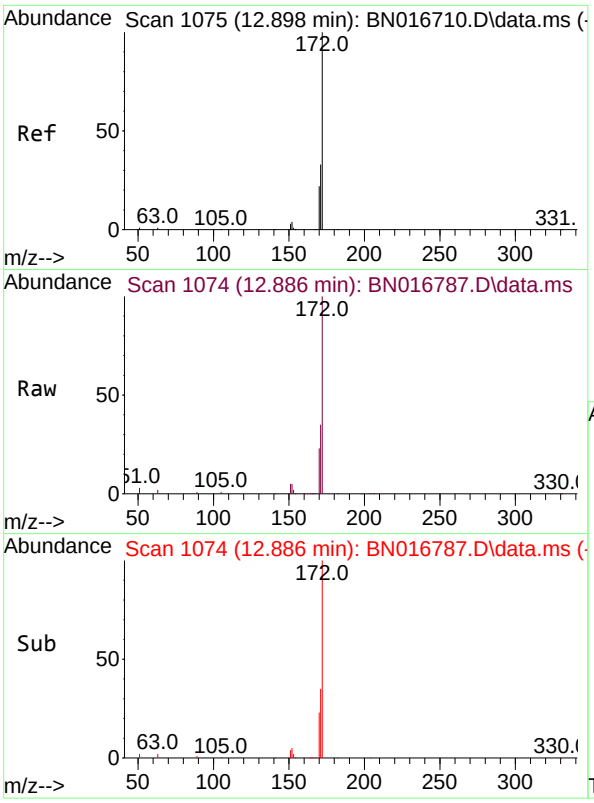
#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:330 Resp: 7935

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.4	24.2	36.2



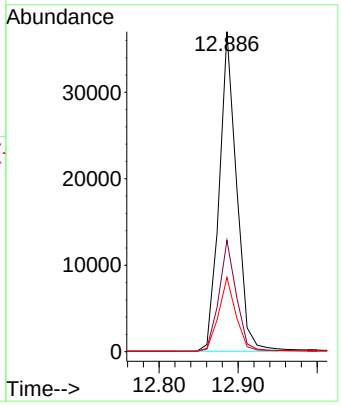
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

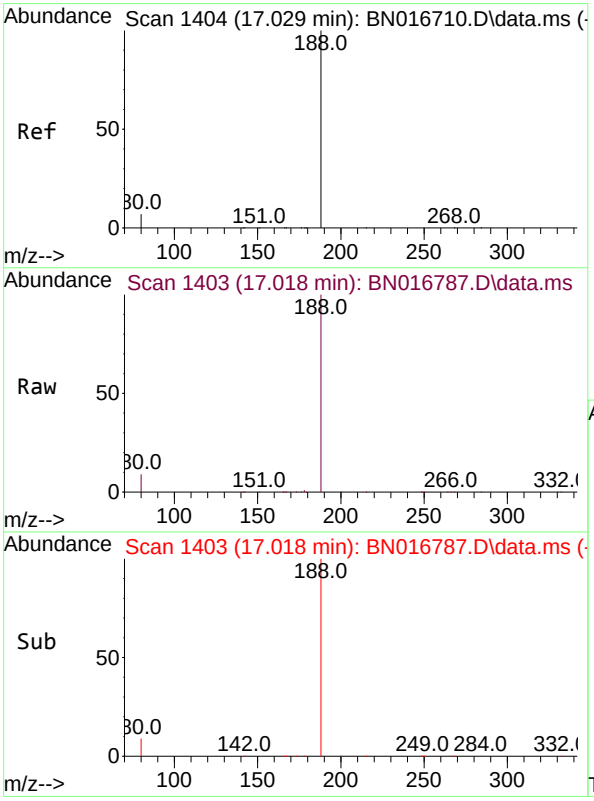


#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:172 Resp: 56438

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.9	40.3
170	23.2	17.4	26.0

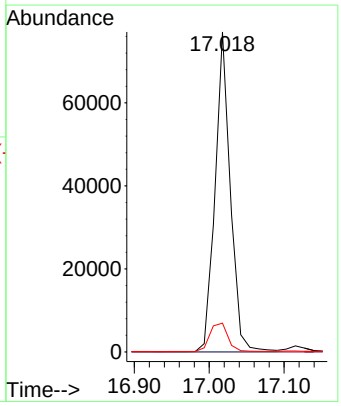




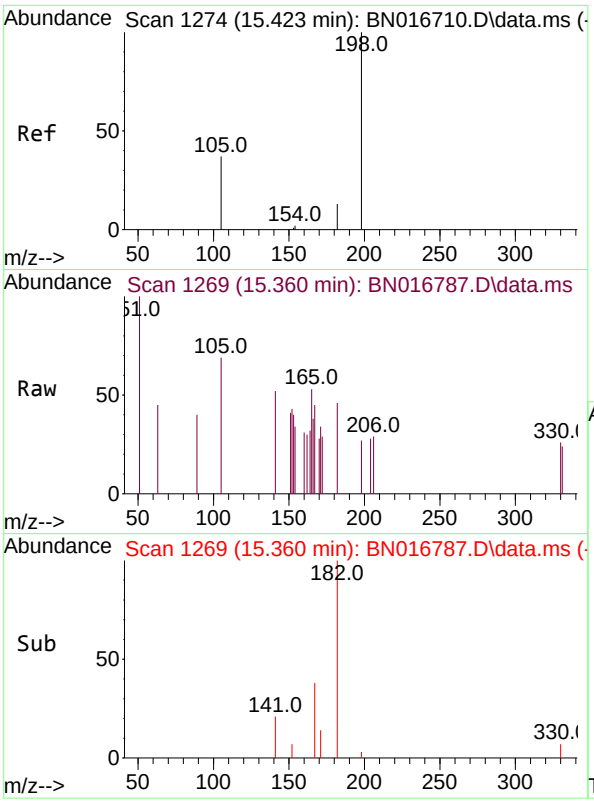
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:188 Resp: 108787

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.8	8.8#



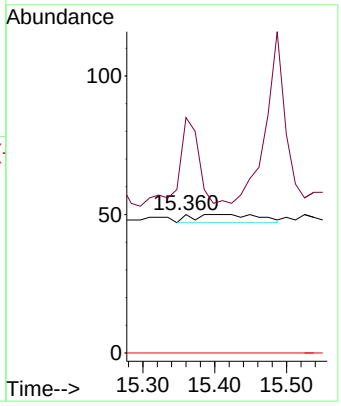
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

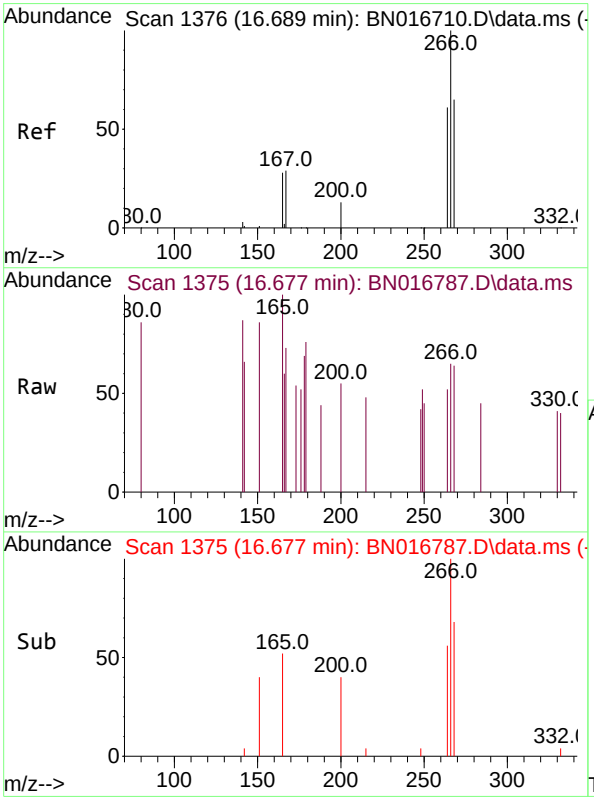


#20
4,6-Dinitro-2-methylphenol
Concen: 0.268 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.051 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:198 Resp: 20

Ion	Ratio	Lower	Upper
198	100		
182	170.0	26.2	39.2#
77	0.0	0.0	0.0

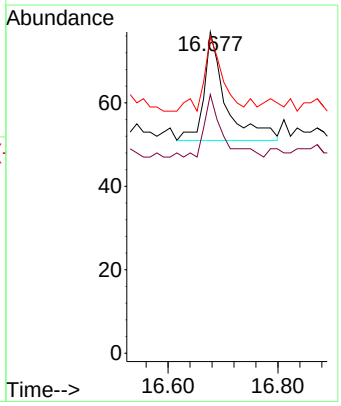


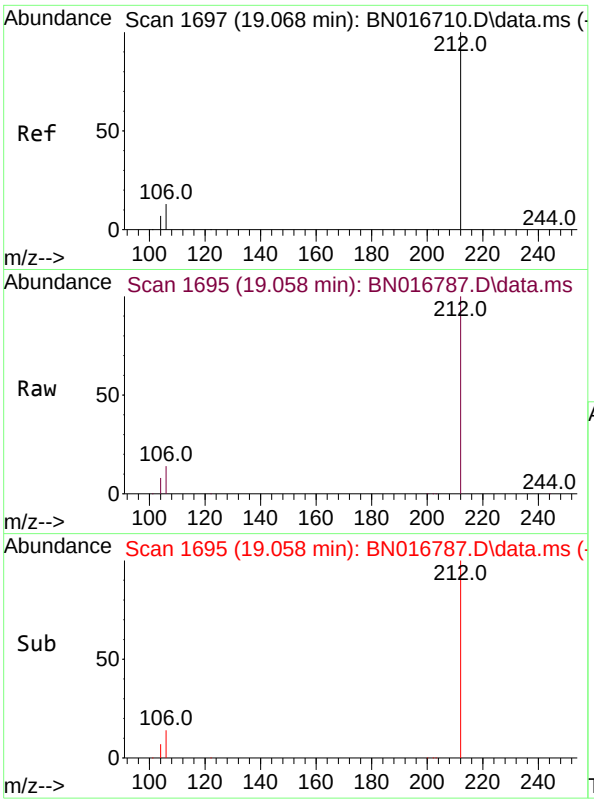


#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:266 Resp: 71

Ion	Ratio	Lower	Upper
266	100		
264	47.9	49.3	73.9#
268	59.2	51.8	77.8

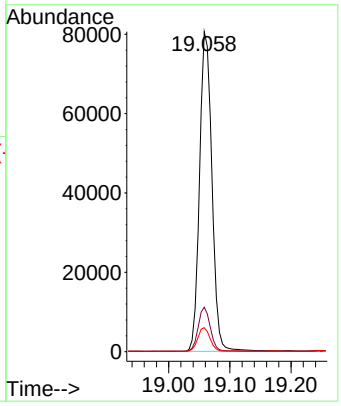




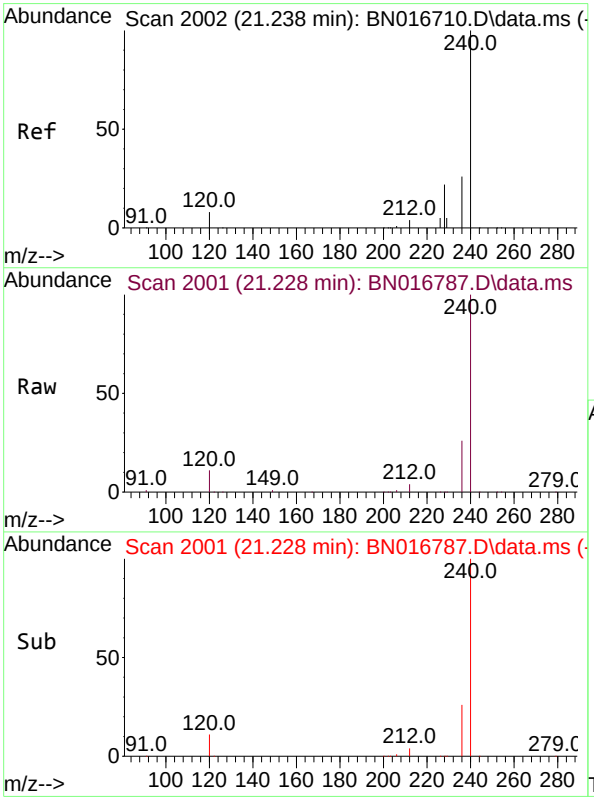
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:212 Resp: 113415

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	7.3	5.8	8.8



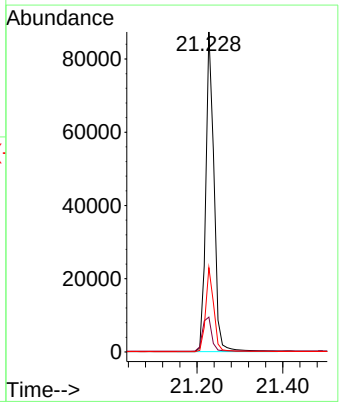
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922

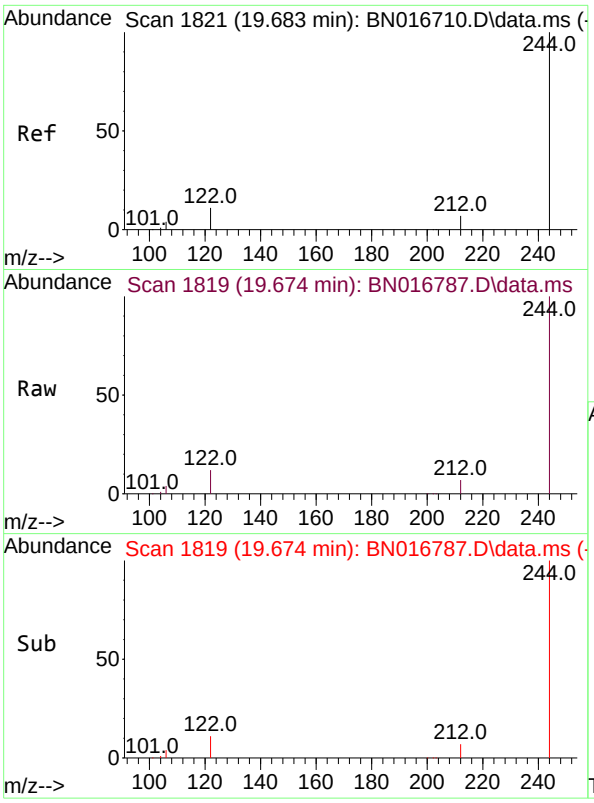


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:240 Resp: 115813

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.6	10.0#
236	26.4	20.7	31.1

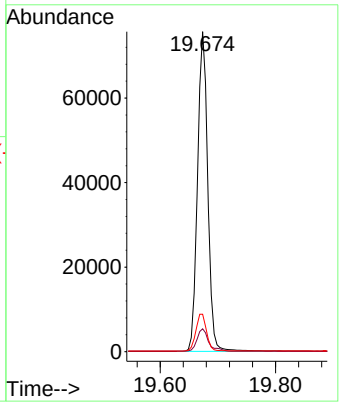


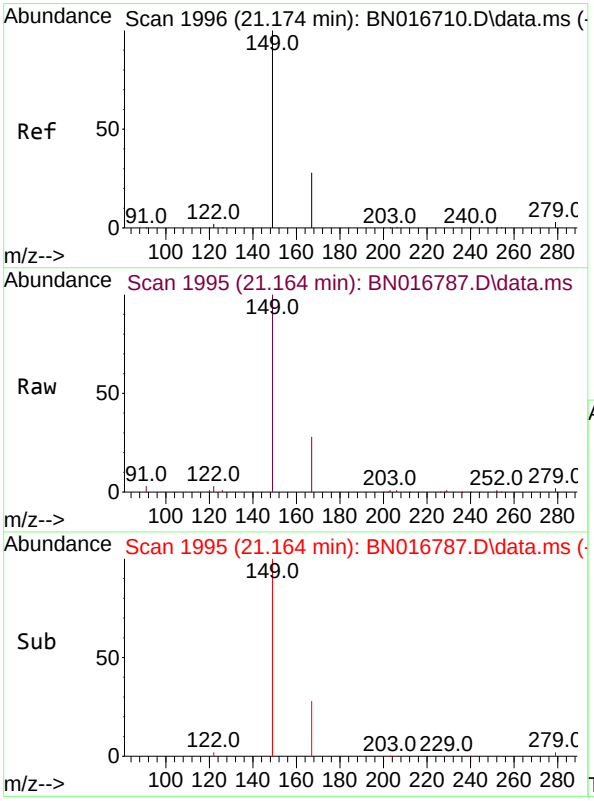


#31
Terphenyl-d14
Concen: 0.362 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:244 Resp: 93683

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.7	8.9	13.3

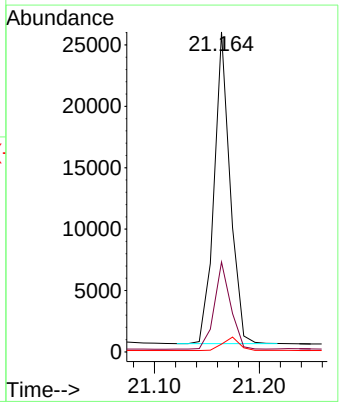




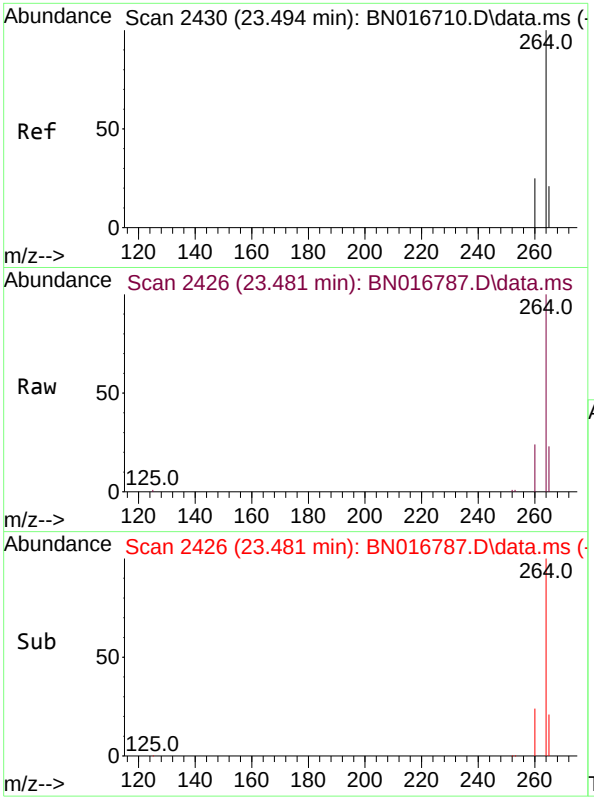
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:149 Resp: 26979

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.5	3.4	5.2



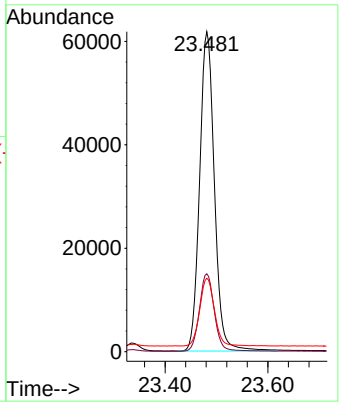
Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016787.D
Acq: 06 Oct 2021 19:53

Tgt Ion:264 Resp: 123172

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.0	20.3	30.5



Instrument :
BNA_N
ClientSampleId :
RE109D1-20210922