

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017833.D
 Acq On : 09 Dec 2021 13:00
 Operator : CG/JU
 Sample : SP5773
 Misc : 8270 SIM SURROGATE
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5773

Quant Time: Dec 10 01:54:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

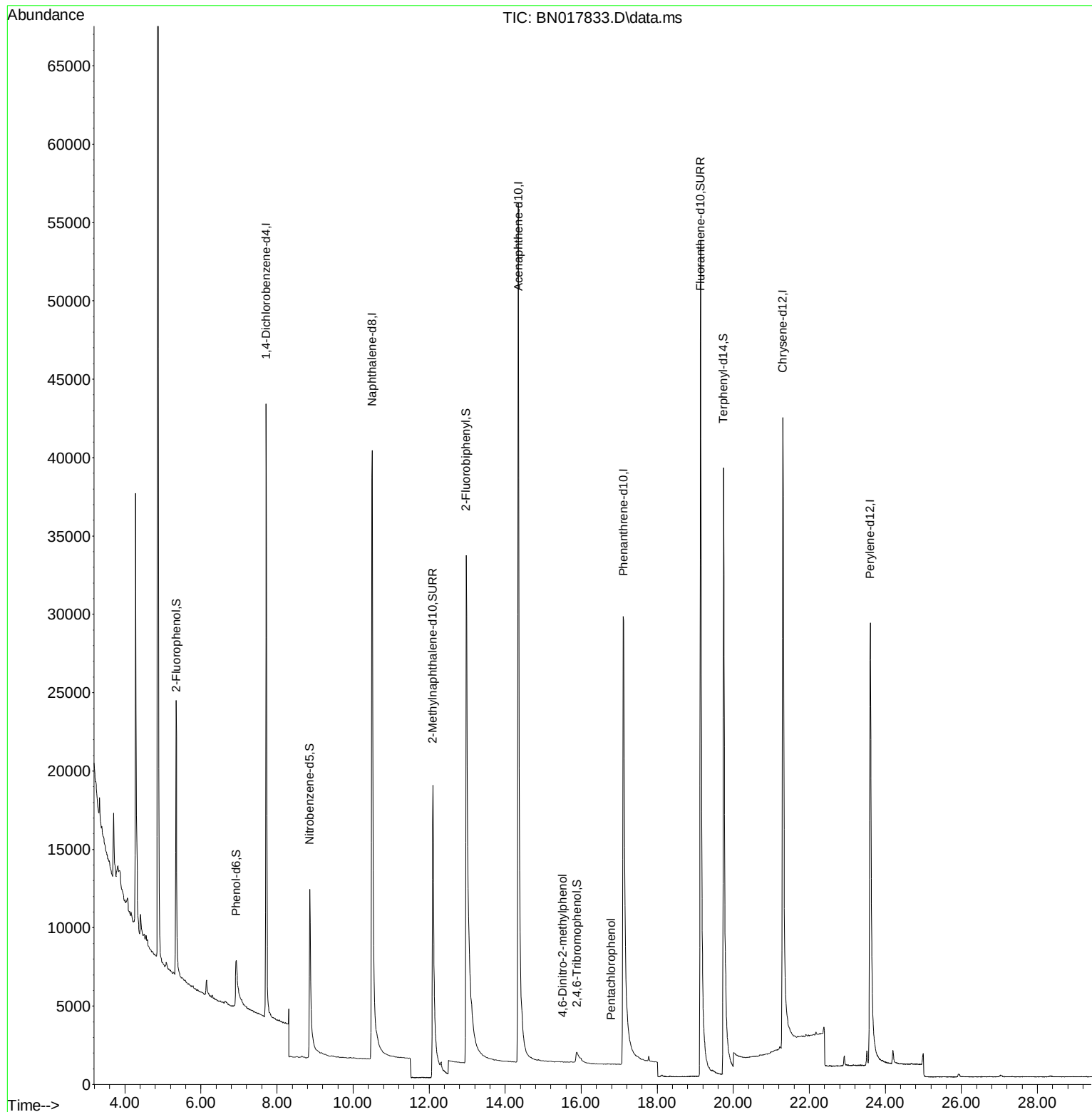
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21688	0.40	ng	0.00
7) Naphthalene-d8	10.506	136	86995	0.40	ng	0.01
13) Acenaphthene-d10	14.347	164	54142	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	96247	0.40	ng	# 0.02
29) Chrysene-d12	21.303	240	81741	0.40	ng	0.02
35) Perylene-d12	23.602	264	61457	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.354	112	15007	0.29	ng	0.03
5) Phenol-d6	6.931	99	5038	0.10	ng	0.03
8) Nitrobenzene-d5	8.859	82	15751	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	49695	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1519	0.05	ng	0.04
15) 2-Fluorobiphenyl	12.977	172	51817	0.26	ng	0.01
27) Fluoranthene-d10	19.139	212	116899	0.36	ng	0.00
31) Terphenyl-d14	19.744	244	85291	0.49	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.514	198	8	0.09	ng	# 38
24) Pentachlorophenol	16.788	266	2	0.28	ng	# 1

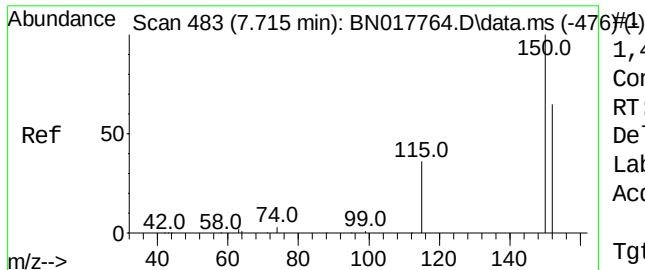
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017833.D
Acq On : 09 Dec 2021 13:00
Operator : CG/JU
Sample : SP5773
Misc : 8270 SIM SURROGATE
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5773

Quant Time: Dec 10 01:54:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

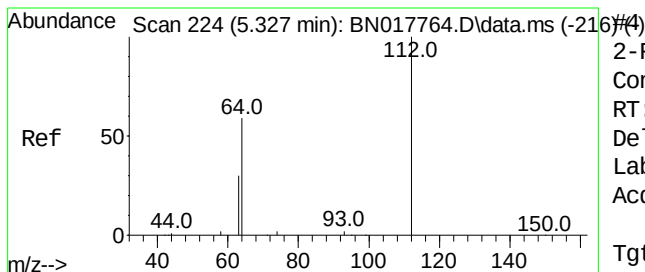
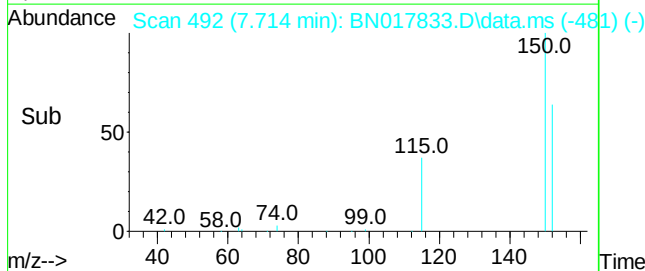
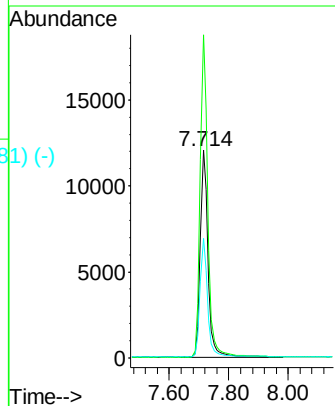
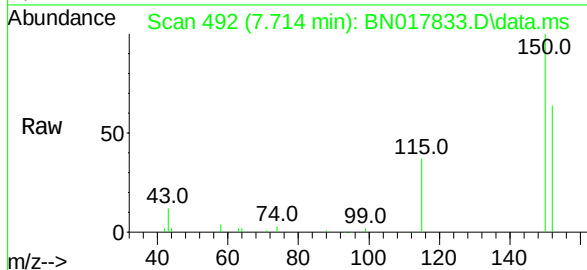




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.714 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BN017833.D
 Acq: 09 Dec 2021 13:00

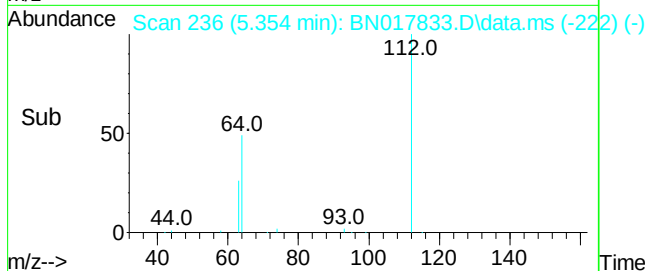
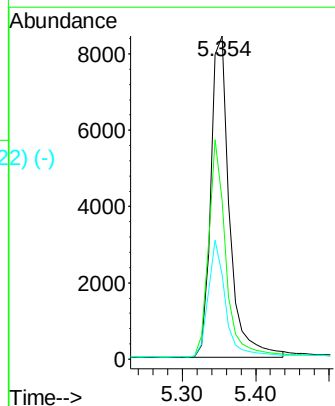
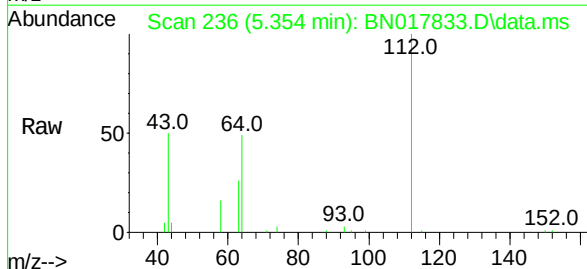
Instrument :
 BNA_N
 ClientSampleId :
 SP5773

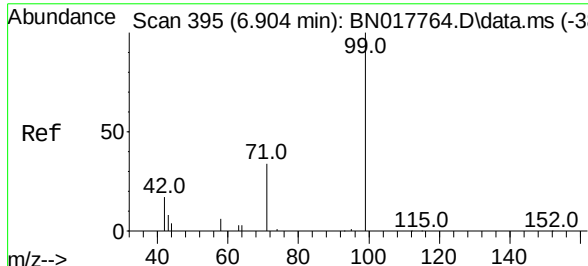
Tgt Ion:152 Resp: 21688
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.4
 115 57.6 45.3 67.9



2-Fluorophenol
 Concen: 0.29 ng
 RT: 5.354 min Scan# 236
 Delta R.T. 0.027 min
 Lab File: BN017833.D
 Acq: 09 Dec 2021 13:00

Tgt Ion:112 Resp: 15007
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.3 73.9
 63 33.3 25.8 38.8

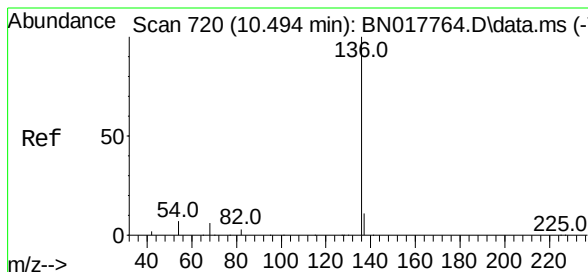
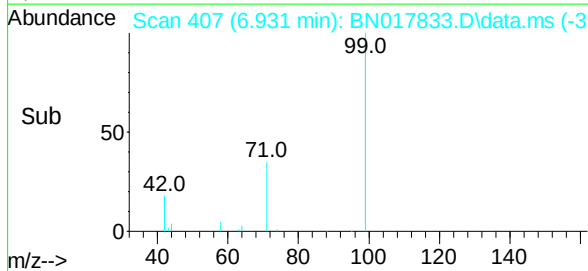
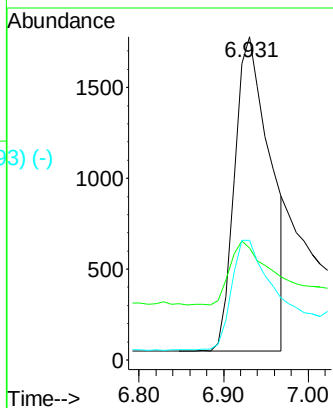
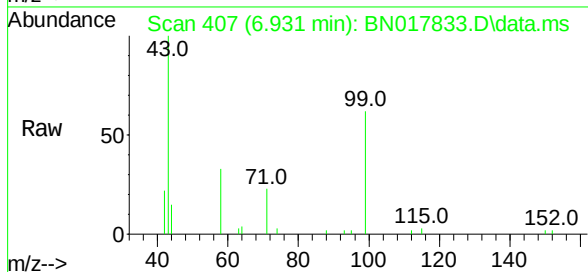




Phenol-d6
 Concen: 0.10 ng
 RT: 6.931 min Scan# 41
 Delta R.T. 0.027 min
 Lab File: BN017833.D
 Acq: 09 Dec 2021 13:00

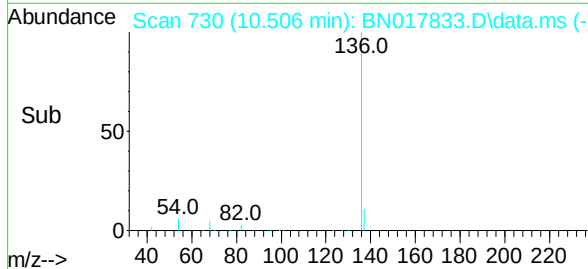
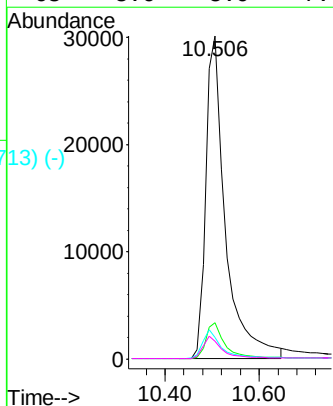
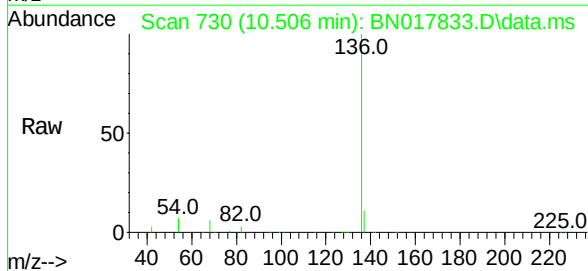
Instrument :
 BNA_N
 ClientSampleId :
 SP5773

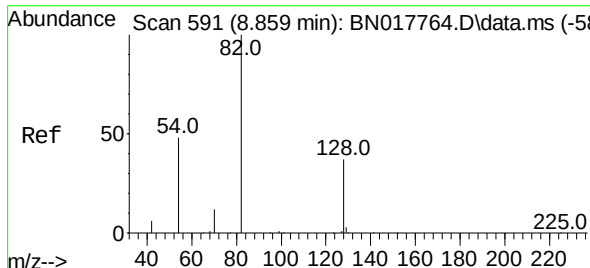
Tgt Ion:	99	Resp:	5038
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	37.6	29.0	43.4



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.506 min Scan# 730
 Delta R.T. 0.012 min
 Lab File: BN017833.D
 Acq: 09 Dec 2021 13:00

Tgt Ion:	136	Resp:	86995
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.7	5.9	8.9
68	5.6	5.0	7.6





Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017833.D

Acq: 09 Dec 2021 13:00

Instrument :

BNA_N

ClientSampleId :

SP5773

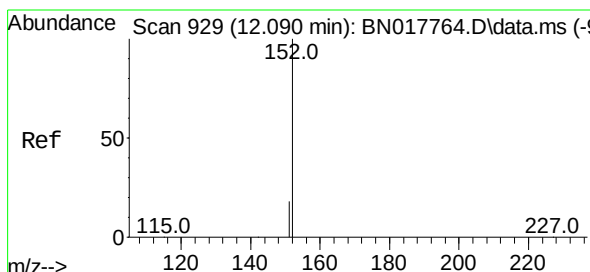
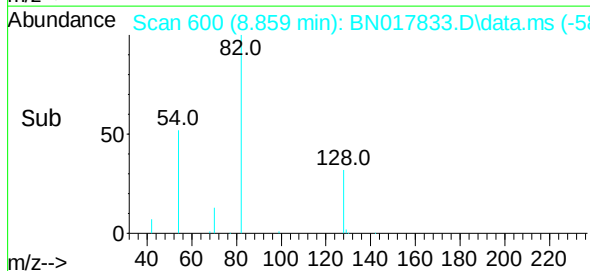
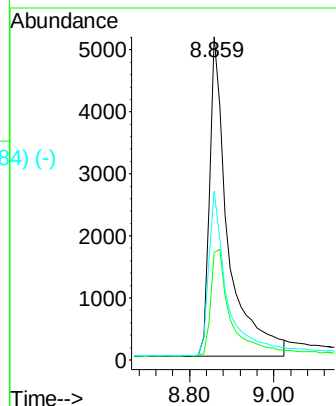
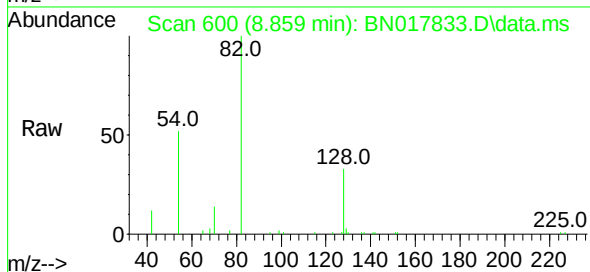
Tgt Ion: 82 Resp: 15751

Ion Ratio Lower Upper

82 100

128 33.3 30.2 45.2

54 52.3 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.29 ng

RT: 12.098 min Scan# 940

Delta R.T. 0.008 min

Lab File: BN017833.D

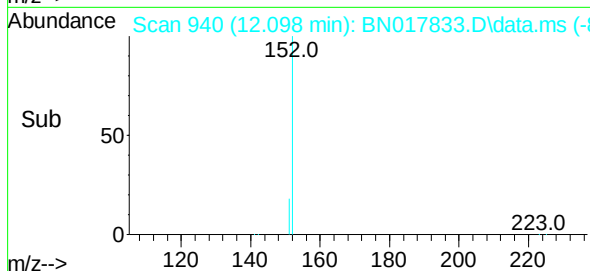
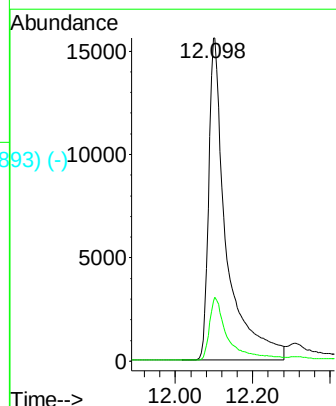
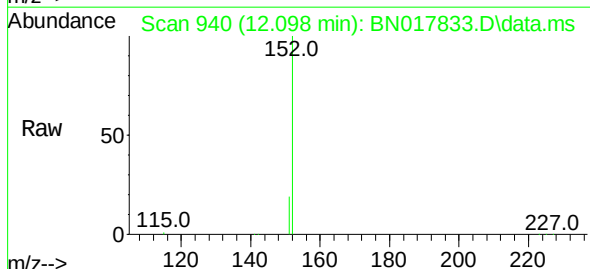
Acq: 09 Dec 2021 13:00

Tgt Ion: 152 Resp: 49695

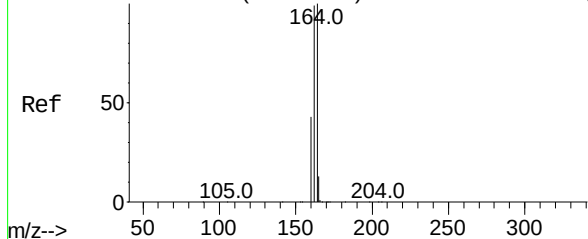
Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



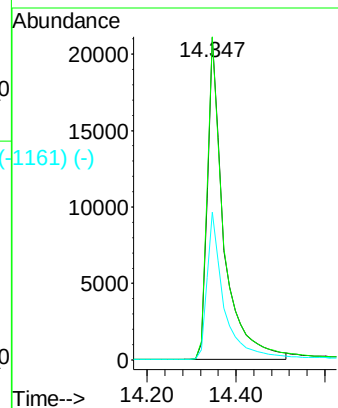
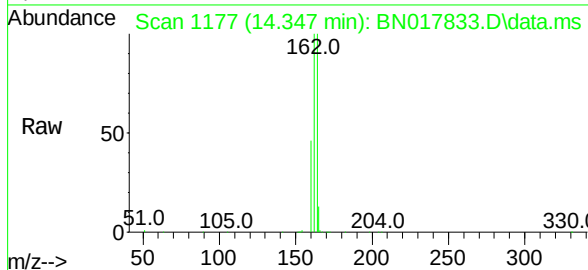
Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)



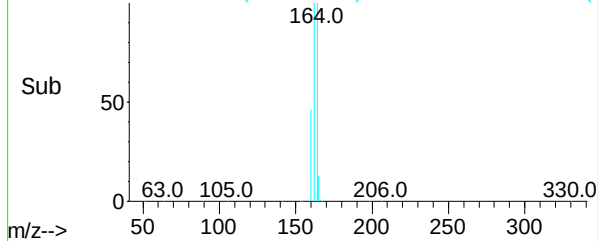
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.001 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Instrument :
BNA_N
ClientSampleId :
SP5773

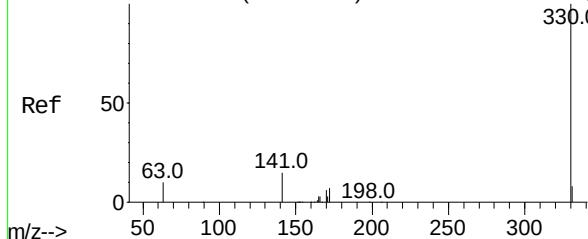
Tgt Ion:164 Resp: 54142
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 45.8 34.6 52.0



Abundance Scan 1177 (14.347 min): BN017833.D\data.ms (-1161) (-)

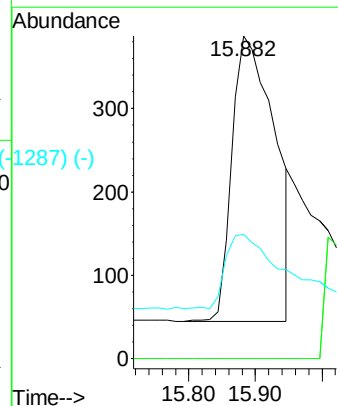
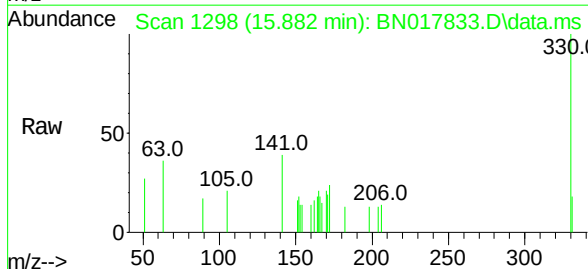


Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1281) (-)

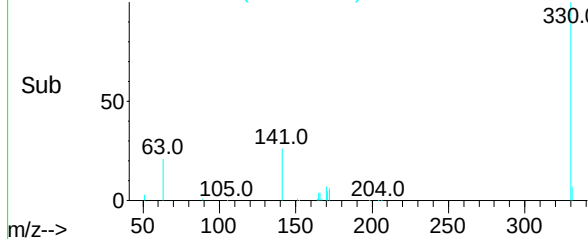


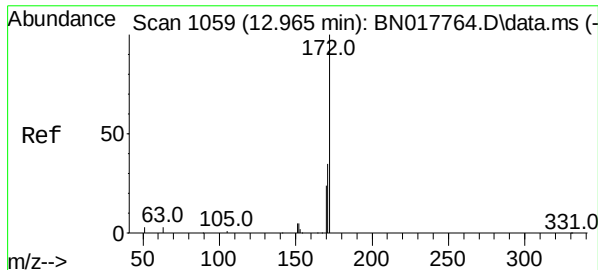
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.882 min Scan# 1298
Delta R.T. 0.037 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:330 Resp: 1519
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 21.5 32.3



Abundance Scan 1298 (15.882 min): BN017833.D\data.ms (-1287) (-)

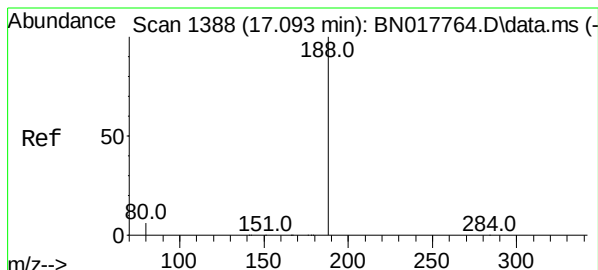
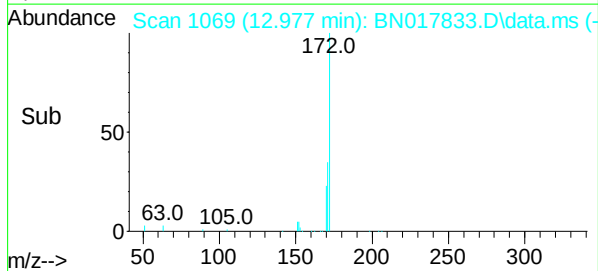
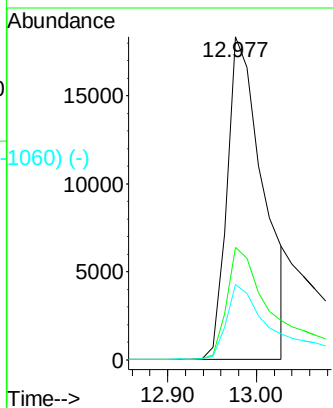
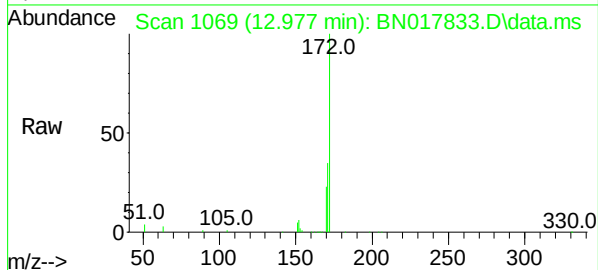




2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

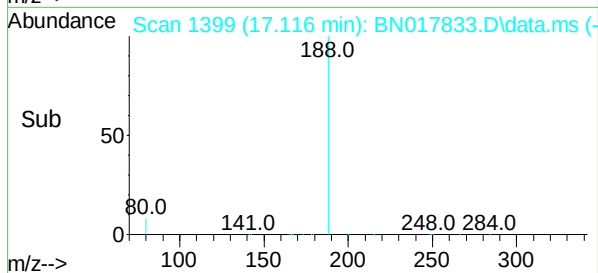
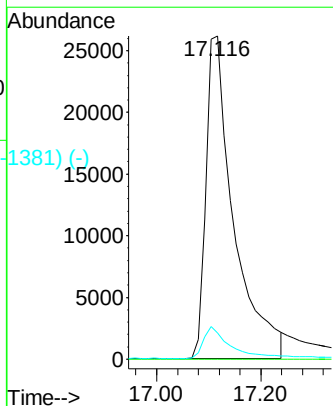
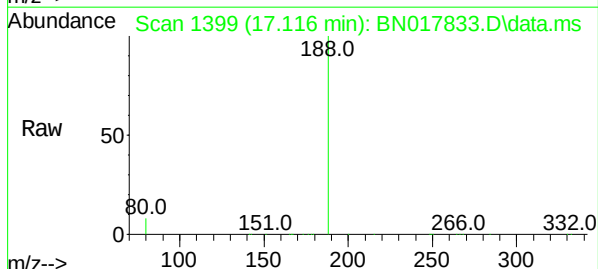
Instrument :
BNA_N
ClientSampleId :
SP5773

Tgt Ion:	172	Resp:	51817
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.4	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:	188	Resp:	96247
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	5.1	7.7#



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.514 min Scan# 1269

Delta R.T. 0.025 min

Lab File: BN017833.D

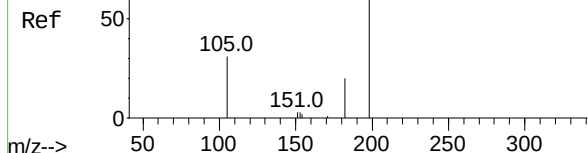
Acq: 09 Dec 2021 13:00

Instrument :

BNA_N

ClientSampleId :

SP5773



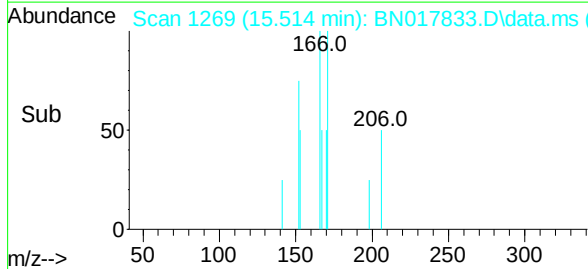
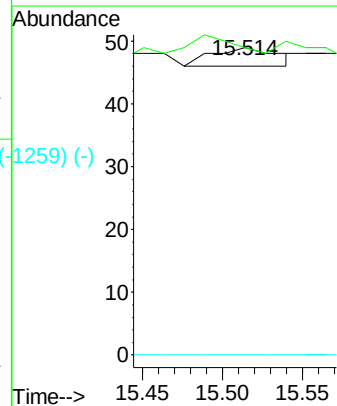
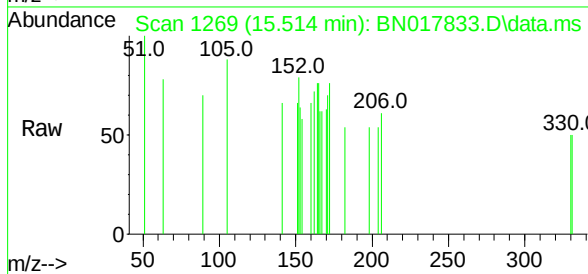
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

182 100.0 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

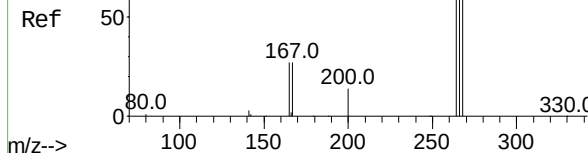
Concen: 0.28 ng

RT: 16.788 min Scan# 1372

Delta R.T. 0.024 min

Lab File: BN017833.D

Acq: 09 Dec 2021 13:00



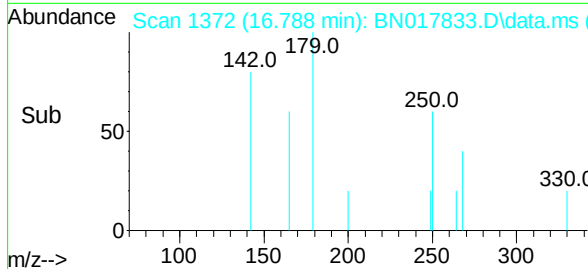
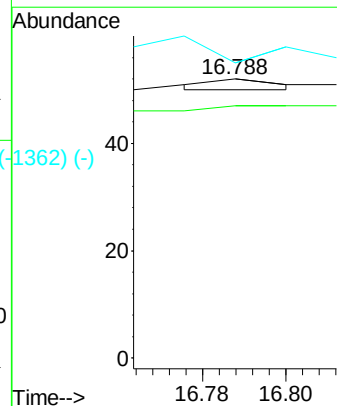
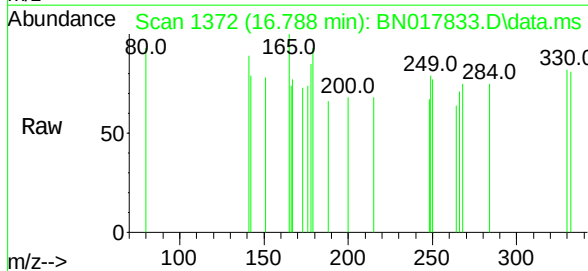
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 100.0 50.8 76.2#

268 400.0 51.8 77.6#



Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

Fluoranthene-d10

Concen: 0.36 ng

RT: 19.139 min Scan# 1688

Delta R.T. 0.009 min

Lab File: BN017833.D

Acq: 09 Dec 2021 13:00

Instrument :

BNA_N

ClientSampleId :

SP5773

Tgt Ion:212 Resp: 116899

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

104 5.6 4.6 6.8

Abundance Scan 1699 (19.139 min): BN017833.D\data.ms

Ref 50

106.0 212.0 244.0

m/z-->

Raw 50

106.0 212.0 244.0

m/z-->

Abundance Scan 1699 (19.139 min): BN017833.D\data.ms (-1677) (-)

Sub 50

106.0 212.0 244.0

m/z-->

Abundance

19.139

40000

30000

20000

10000

0

Time-->

Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1729) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.303 min Scan# 1996

Delta R.T. 0.021 min

Lab File: BN017833.D

Acq: 09 Dec 2021 13:00

Tgt Ion:240 Resp: 81741

Ion Ratio Lower Upper

240 100

120 8.8 7.9 11.9

236 26.5 21.4 32.2

Abundance Scan 1996 (21.303 min): BN017833.D\data.ms

Ref 50

91.0 120.0 149.0 212.0 240.0 279.0

m/z-->

Raw 50

91.0 120.0 149.0 212.0 240.0 279.0

m/z-->

Abundance Scan 1996 (21.303 min): BN017833.D\data.ms (-1975) (-)

Sub 50

91.0 120.0 149.0 212.0 240.0 279.0

m/z-->

Abundance

21.303

25000

20000

15000

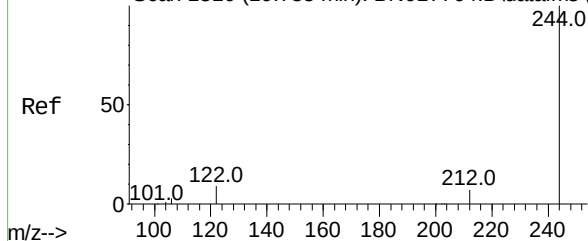
10000

5000

0

Time-->

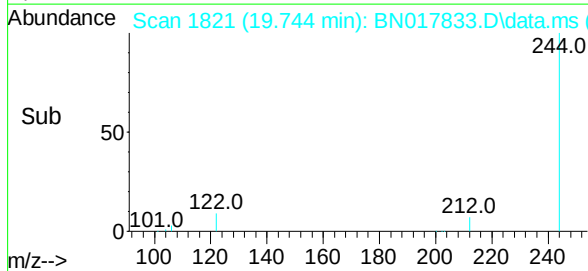
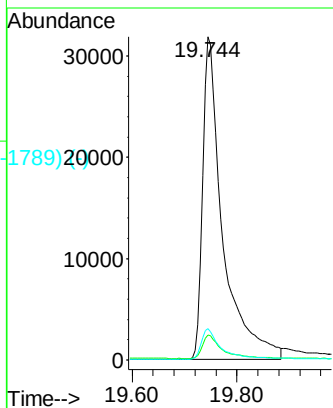
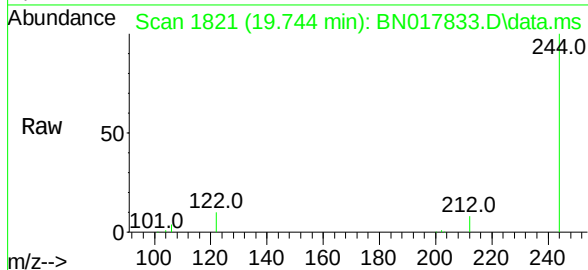
Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1831) (-)



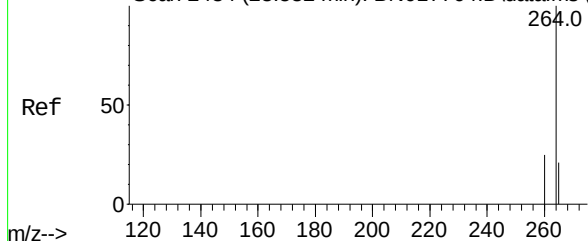
Terphenyl-d14
Concen: 0.49 ng
RT: 19.744 min Scan# 1810
Delta R.T. 0.009 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Instrument :
BNA_N
ClientSampleId :
SP5773

Tgt Ion:	244	Resp:	85291
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.6	7.1	10.7



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2435) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.602 min Scan# 2449
Delta R.T. 0.020 min
Lab File: BN017833.D
Acq: 09 Dec 2021 13:00

Tgt Ion:	264	Resp:	61457
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	23.9	20.5	30.7

