

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014046.D
 Acq On : 23 Mar 2021 17:18
 Operator : CG/JU
 Sample : M1735-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210315

Quant Time: Mar 23 17:56:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

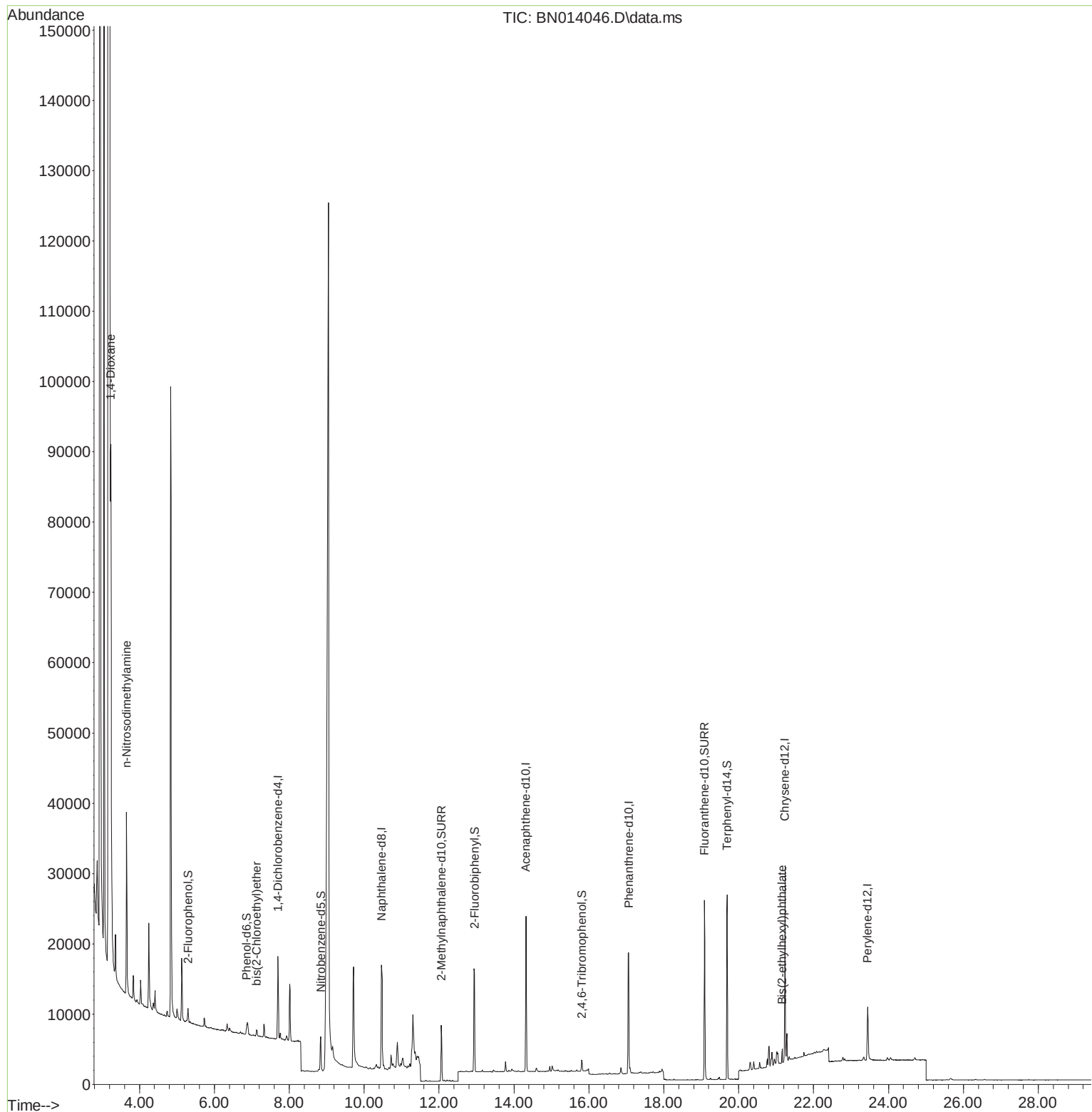
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5374	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20779	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11980	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	26646	0.40	ng	# 0.00
29) Chrysene-d12	21.237	240	25108	0.40	ng	0.00
36) Perylene-d12	23.445	264	10135	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1663	0.13	ng	0.00
5) Phenol-d6	6.863	99	1164	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	4197	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	10653	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1198	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	14598	0.33	ng	0.00
27) Fluoranthene-d10	19.091	212	28930	0.39	ng	0.00
31) Terphenyl-d14	19.692	244	25320	0.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	29059	4.10	ng	# 88
3) n-Nitrosodimethylamine	3.657	42	852	0.18	ng	# 1
6) bis(2-Chloroethyl)ether	7.128	93	597	0.04	ng	90
34) Bis(2-ethylhexyl)phtha...	21.162	149	2048	0.08	ng	# 98

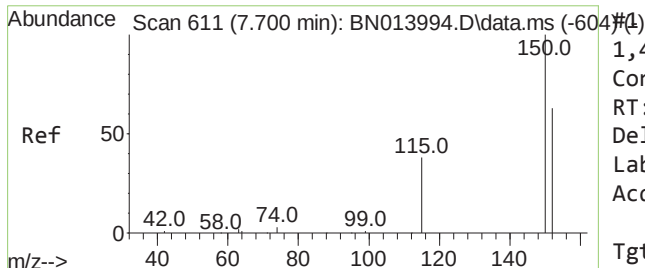
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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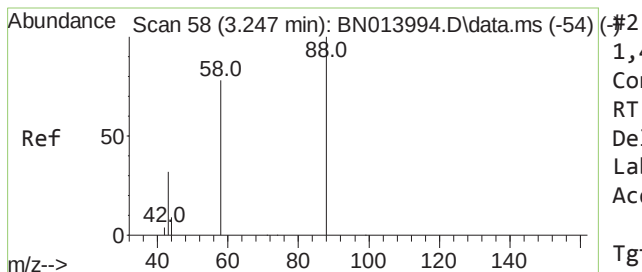
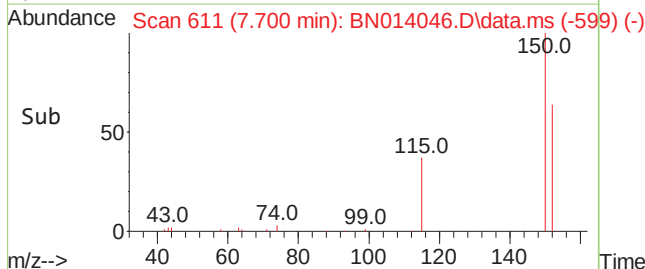
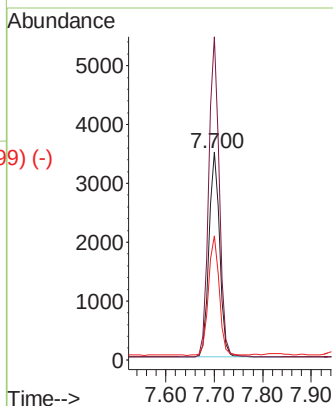
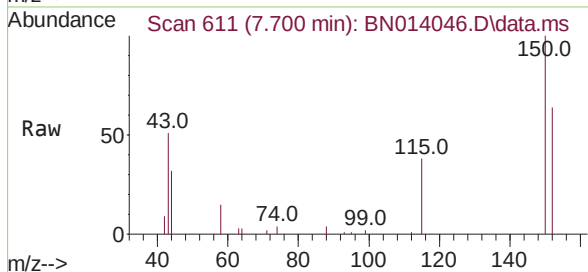




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

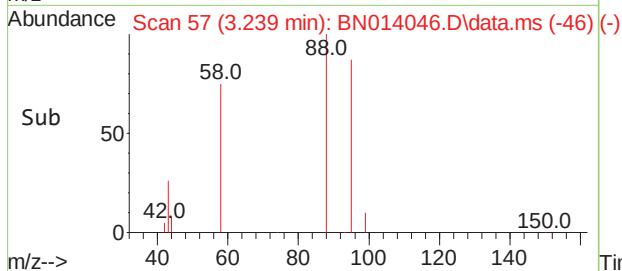
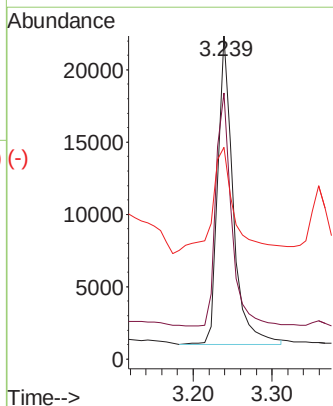
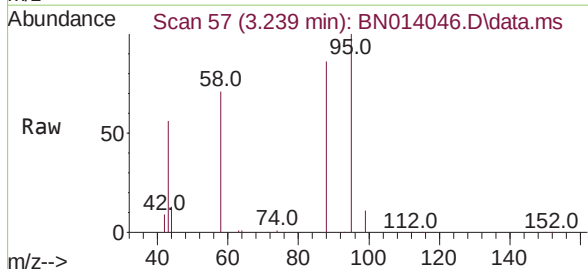
Instrument :
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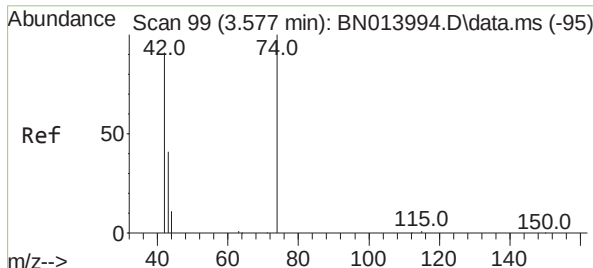
Tgt Ion:	152	Resp:	5374
Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.8	182.8
115	59.7	46.6	69.8



1,4-Dioxane
 Concen: 4.10 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

Tgt Ion:	88	Resp:	29059
Ion	Ratio	Lower	Upper
88	100		
58	77.1	64.6	96.8
43	51.6	26.6	40.0

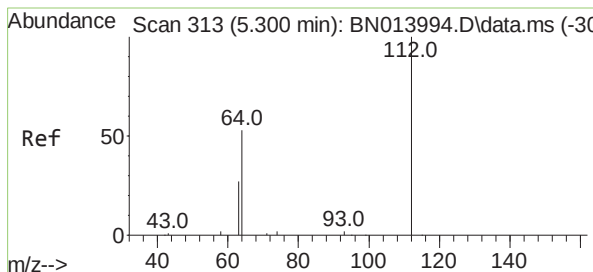
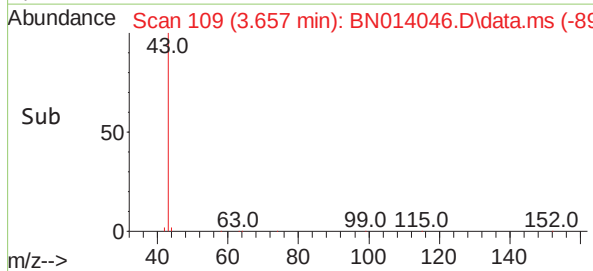
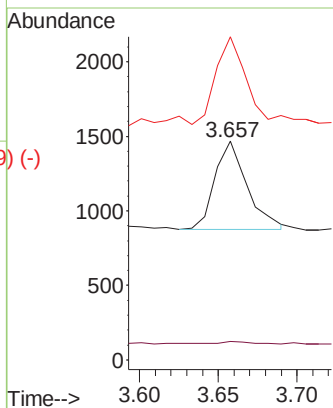
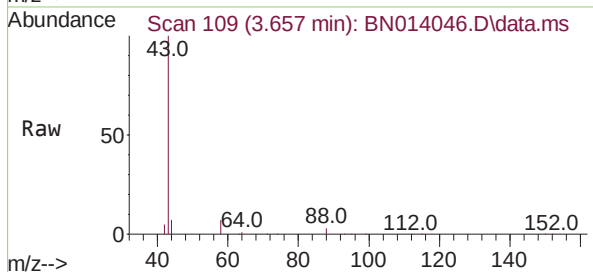




n-Nitrosodimethylamine
 Concen: 0.18 ng
 RT: 3.657 min Scan# 109
 Delta R.T. 0.065 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

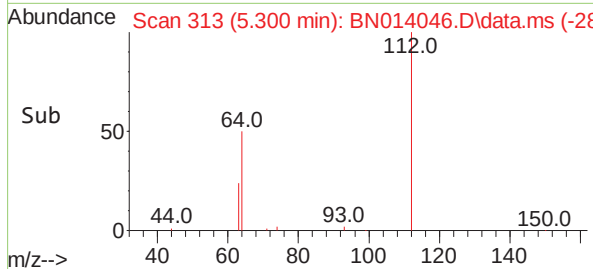
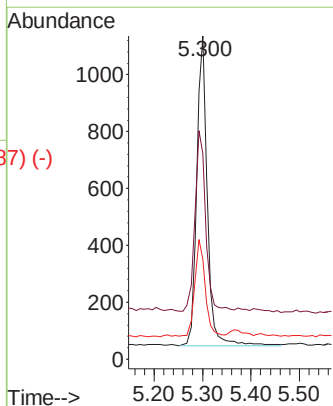
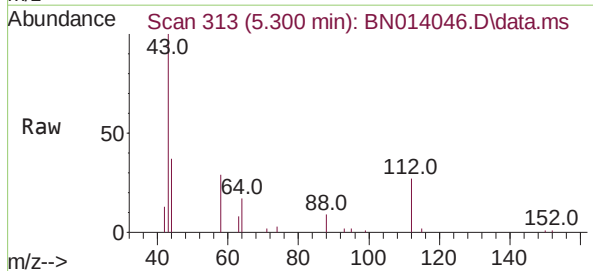
Instrument :
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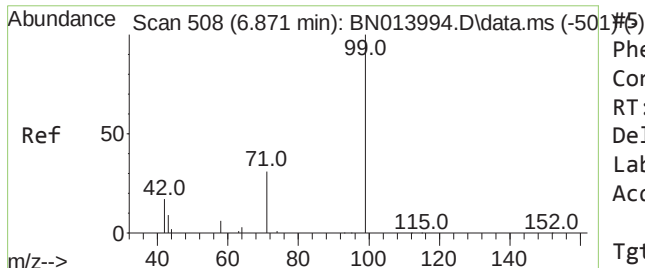
Tgt Ion:	42	Resp:	852
Ion	Ratio	Lower	Upper
42	100		
74	2.5	95.0	142.6#
44	89.6	5.8	8.8#



2-Fluorophenol
 Concen: 0.13 ng
 RT: 5.300 min Scan# 313
 Delta R.T. 0.008 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

Tgt Ion:	112	Resp:	1663
Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.3	66.5
63	31.1	23.0	34.6

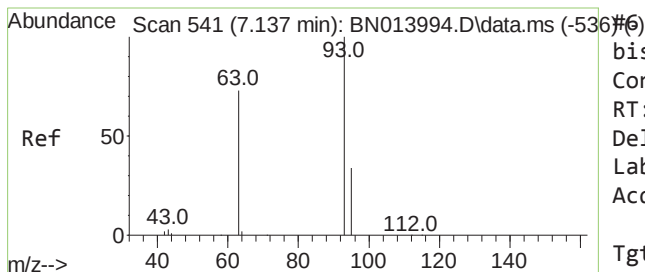
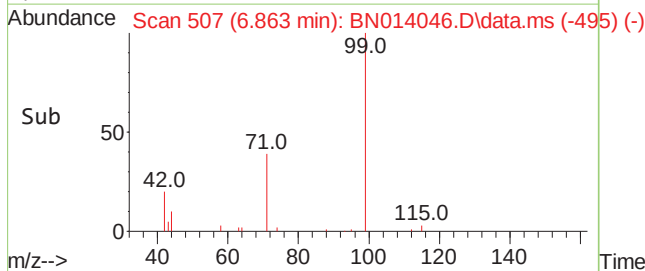
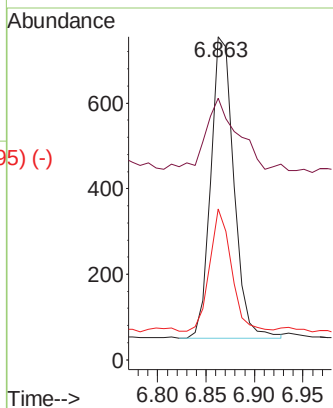
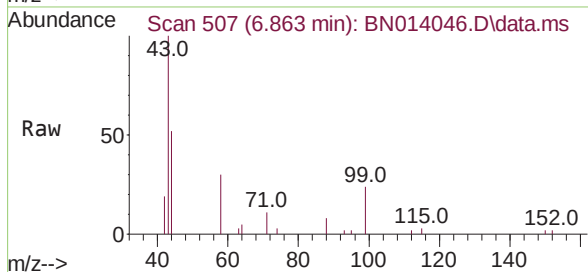




Phenol-d6
 Concen: 0.07 ng
 RT: 6.863 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

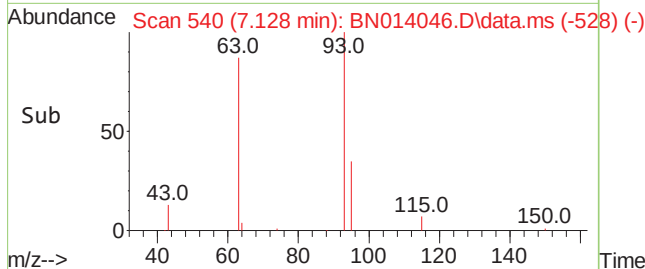
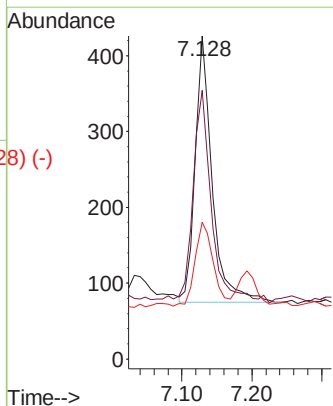
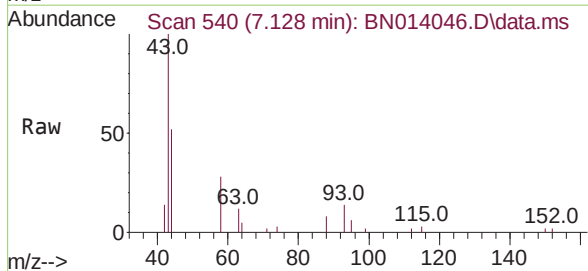
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210315

Tgt Ion:	99	Resp:	1164
Ion	Ratio	Lower	Upper
99	100		
42	42.9	15.2	22.8#
71	38.7	26.1	39.1

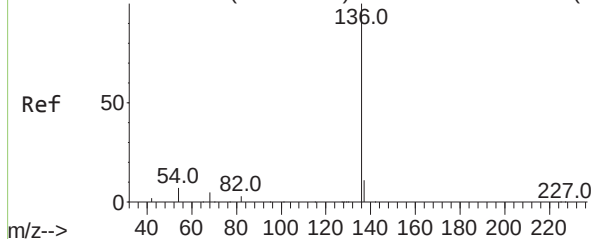


bis(2-Chloroethyl)ether
 Concen: 0.04 ng
 RT: 7.128 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BN014046.D
 Acq: 23 Mar 2021 17:18

Tgt Ion:	93	Resp:	597
Ion	Ratio	Lower	Upper
93	100		
63	87.9	60.8	91.2
95	33.3	26.0	39.0



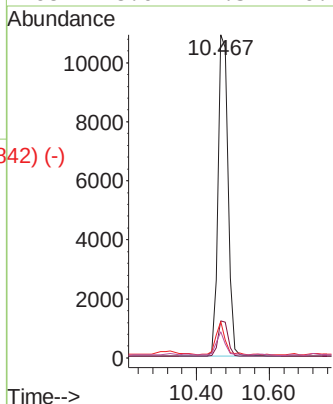
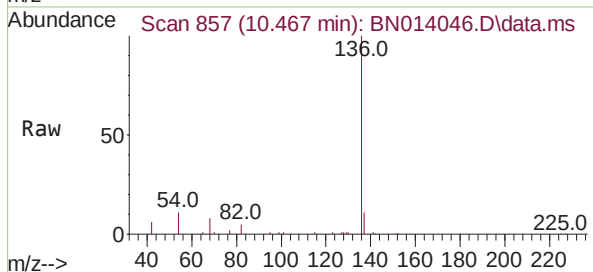
Abundance Scan 858 (10.480 min): BN013994.D\data.ms (-85#7-)



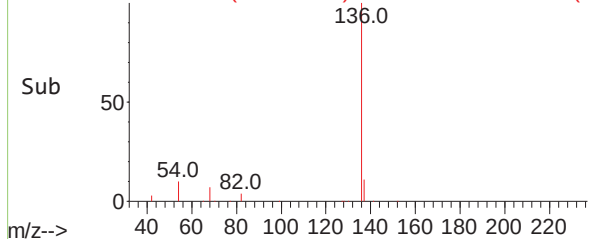
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

Instrument :
BNA_N
ClientSampleId :
RE132D6-20210315

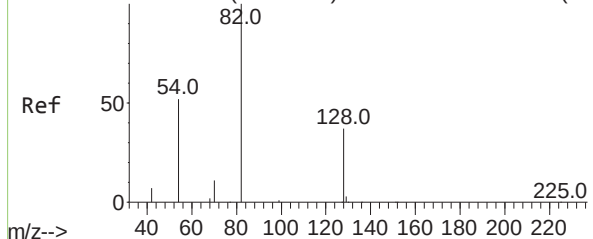
Tgt Ion:	136	Resp:	20779
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.2	6.4	9.6#
68	8.0	4.5	6.7#



Abundance Scan 857 (10.467 min): BN014046.D\data.ms (-842) (-)

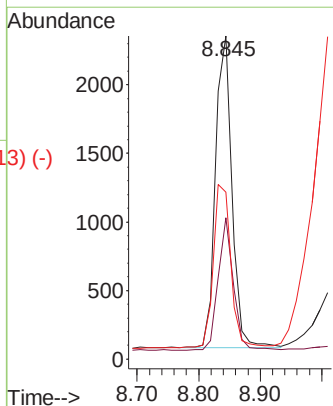
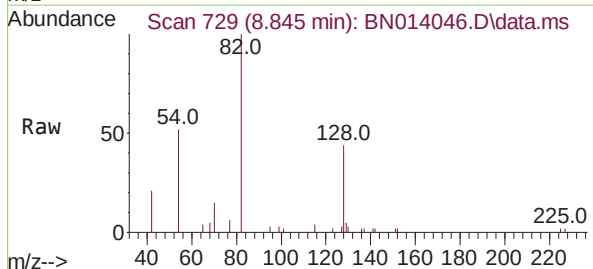


Abundance Scan 729 (8.845 min): BN013994.D\data.ms (-726#8)

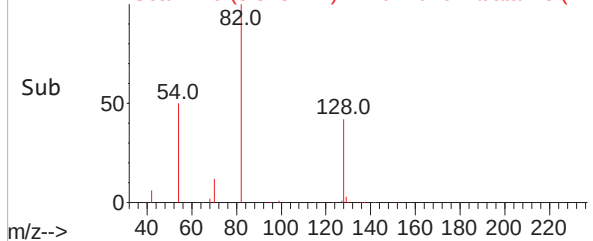


Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

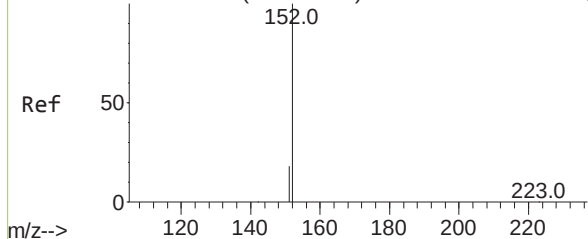
Tgt Ion:	82	Resp:	4197
Ion	Ratio	Lower	Upper
82	100		
128	43.8	39.2	58.8
54	51.6	40.1	60.1



Abundance Scan 729 (8.845 min): BN014046.D\data.ms (-713) (-)



Abundance Scan 1066 (12.071 min): BN013994.D\data.ms (-1015) (-)

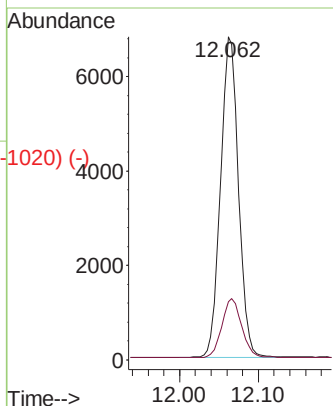
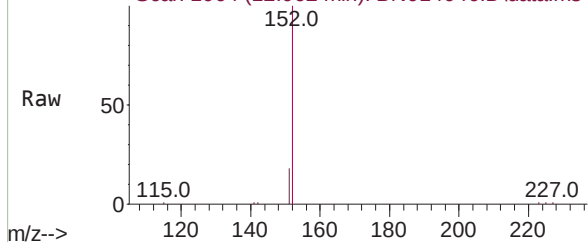


2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

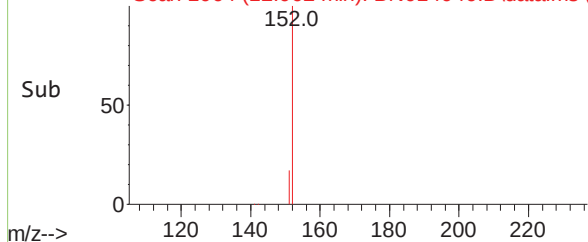
Tgt Ion:152 Resp: 10653
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

Instrument :
BNA_N
ClientSampleId :
RE132D6-20210315

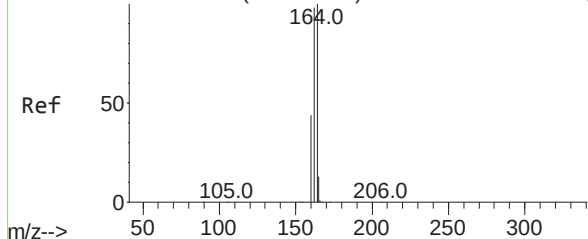
Abundance Scan 1064 (12.062 min): BN014046.D\data.ms



Abundance Scan 1064 (12.062 min): BN014046.D\data.ms (-1020) (-)



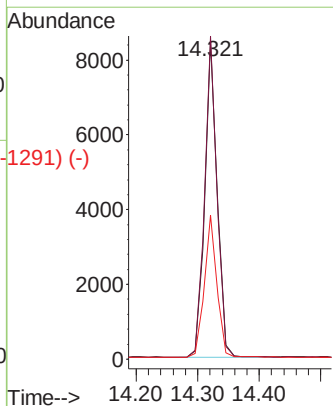
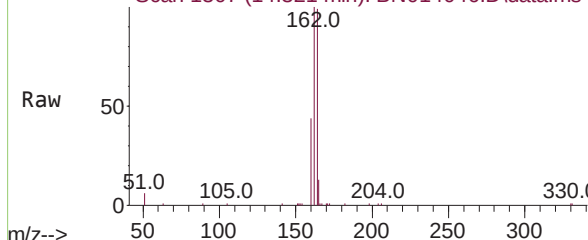
Abundance Scan 1308 (14.334 min): BN013994.D\data.ms (-1310) (-)



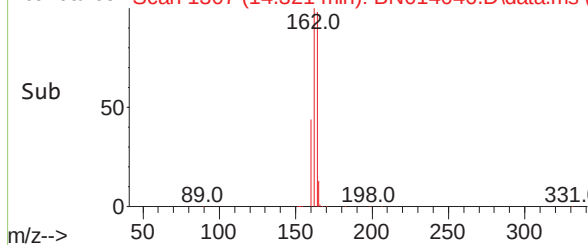
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

Tgt Ion:164 Resp: 11980
Ion Ratio Lower Upper
164 100
162 101.4 79.6 119.4
160 45.1 36.0 54.0

Abundance Scan 1307 (14.321 min): BN014046.D\data.ms



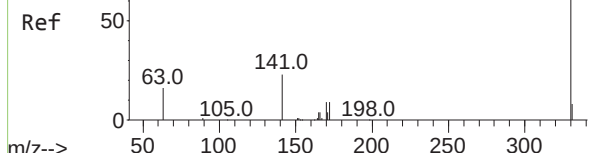
Abundance Scan 1307 (14.321 min): BN014046.D\data.ms (-1291) (-)



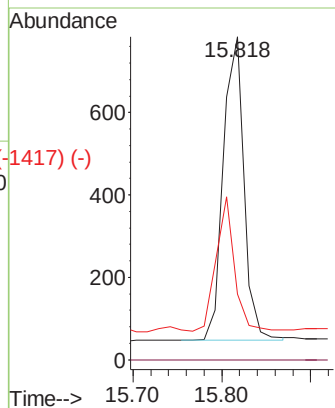
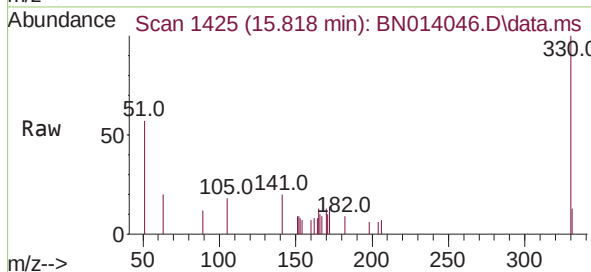
Abundance Scan 1425 (15.818 min): BN013994.D\data.ms (-1419) (-)

2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

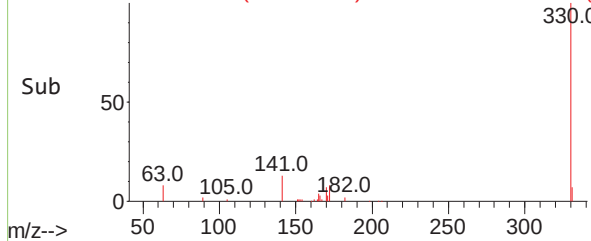
Instrument :
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Tgt Ion:	330	Resp:	1198
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	26.8	40.2

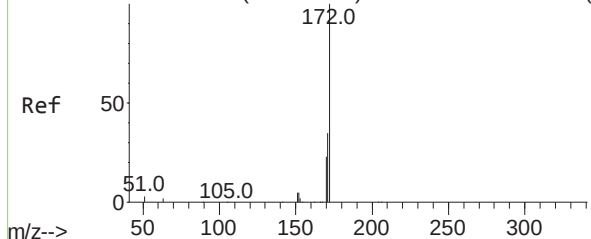


Abundance Scan 1425 (15.818 min): BN014046.D\data.ms (-1417) (-)

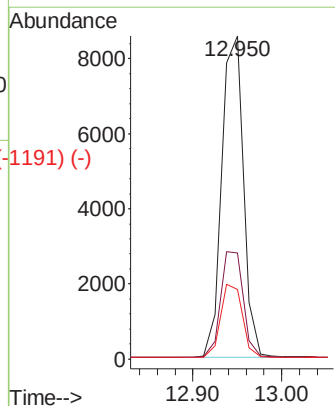
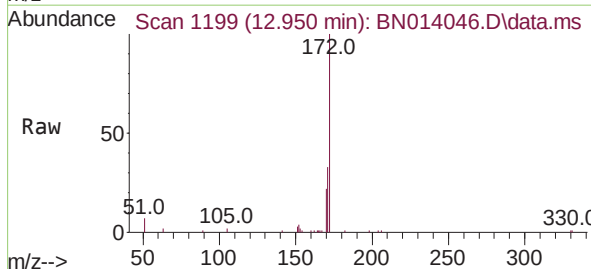


Abundance Scan 1199 (12.951 min): BN013994.D\data.ms (-1115) (-)

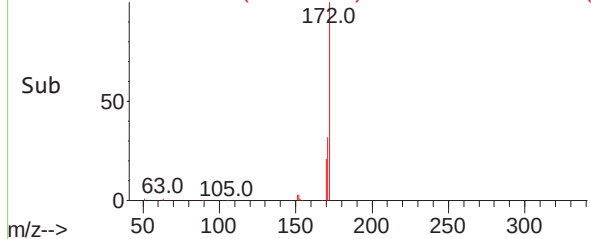
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.950 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

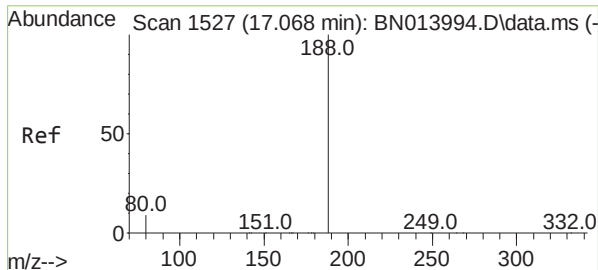


Tgt Ion:	172	Resp:	14598
Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.6	42.8
170	21.6	18.9	28.3



Abundance Scan 1199 (12.950 min): BN014046.D\data.ms (-1191) (-)

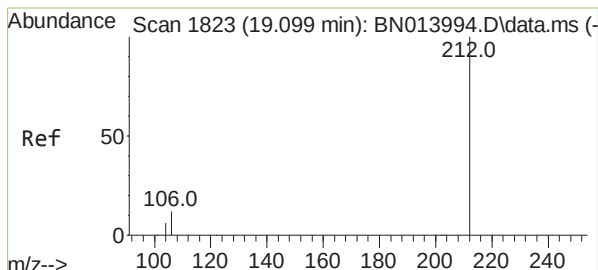
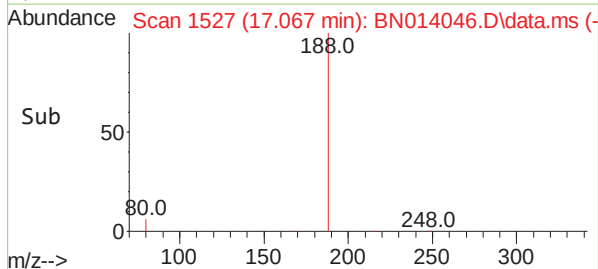
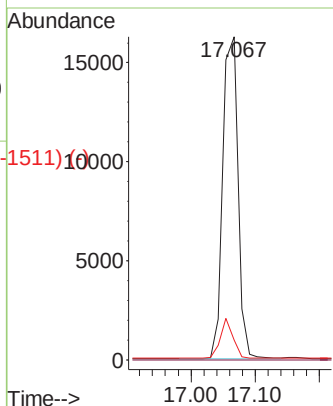
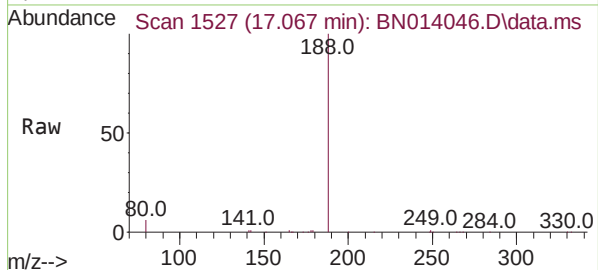




Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

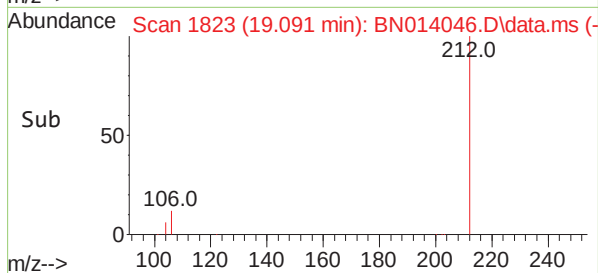
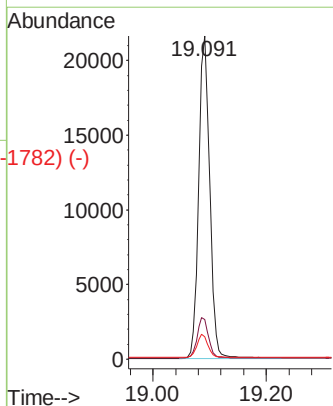
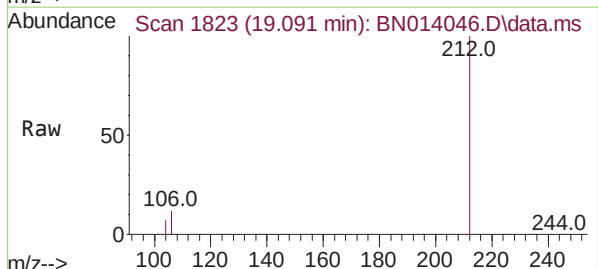
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Tgt Ion:	188	Resp:	26646
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	9.0	13.6#



Fluoranthene-d10
Concen: 0.39 ng
RT: 19.091 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

Tgt Ion:	212	Resp:	28930
Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	7.1	5.5	8.3



Abundance Scan 2123 (21.250 min): BN013994.D\data.ms (-2129) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.237 min Scan# 2123

Delta R.T. -0.002 min

Lab File: BN014046.D

Acq: 23 Mar 2021 17:18

Tgt Ion:240 Resp: 25108

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 26.2 21.3 31.9

Abundance Scan 2123 (21.237 min): BN014046.D\data.ms

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2123 (21.237 min): BN014046.D\data.ms (-2104) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2123 (21.237 min): BN014046.D\data.ms (-2104) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2123 (21.237 min): BN014046.D\data.ms (-2104) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance

21.237

15000

10000

5000

0

Time--> 21.20 21.40

Abundance Scan 1944 (19.700 min): BN013994.D\data.ms (-1936) (-)

Terphenyl-d14

Concen: 0.46 ng

RT: 19.692 min Scan# 1944

Delta R.T. 0.003 min

Lab File: BN014046.D

Acq: 23 Mar 2021 17:18

Tgt Ion:244 Resp: 25320

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 10.8 9.8 14.8

Abundance Scan 1944 (19.692 min): BN014046.D\data.ms

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240

Abundance Scan 1944 (19.692 min): BN014046.D\data.ms (-1913) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240

Abundance Scan 1944 (19.692 min): BN014046.D\data.ms (-1913) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240

Abundance

19.692

20000

15000

10000

5000

0

Time--> 19.60 19.70 19.80

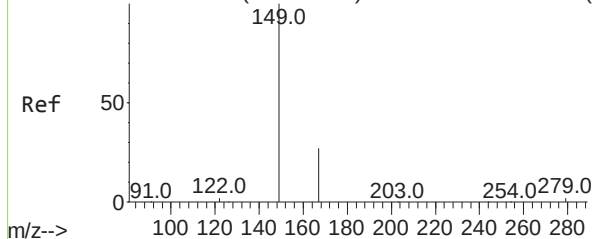
Instrument :

BNA_N

ClientSampleId :

RE132D6-20210315

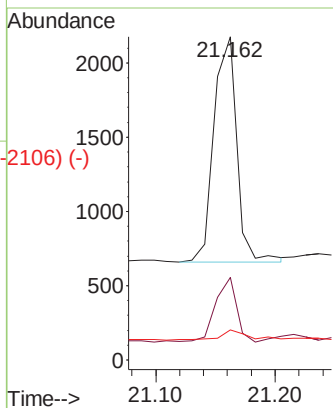
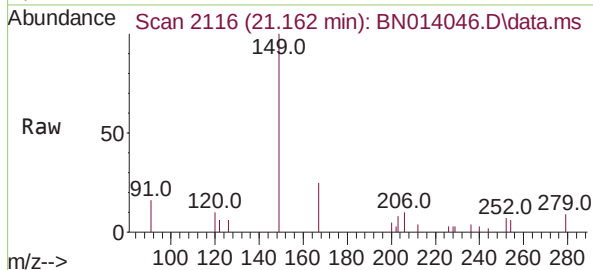
Abundance Scan 2115 (21.165 min): BN013994.D\data.ms (-2106) (-)



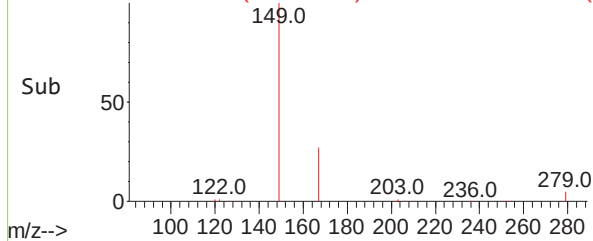
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.162 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

Instrument :
BNA_N
ClientSampleId :
RE132D6-20210315

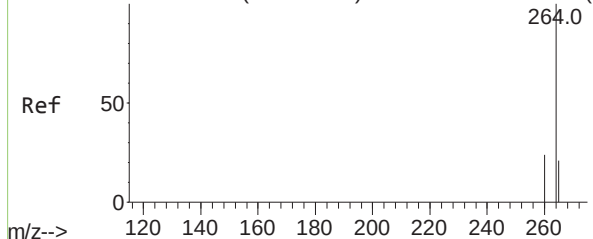
Tgt Ion:149 Resp: 2048
Ion Ratio Lower Upper
149 100
167 26.4 22.1 33.1
279 5.5 3.5 5.3#



Abundance Scan 2116 (21.162 min): BN014046.D\data.ms (-2106) (-)

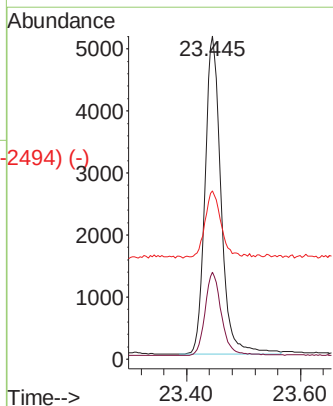
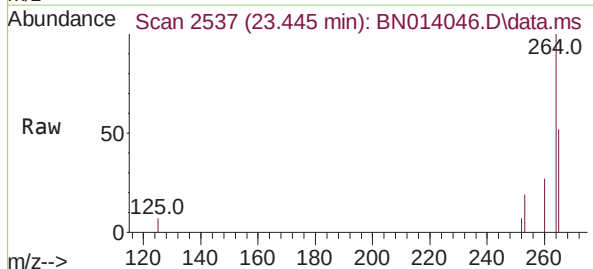


Abundance Scan 2539 (23.458 min): BN013994.D\data.ms (-2494) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.445 min Scan# 2537
Delta R.T. -0.002 min
Lab File: BN014046.D
Acq: 23 Mar 2021 17:18

Tgt Ion:264 Resp: 10135
Ion Ratio Lower Upper
264 100
260 26.9 19.3 28.9
265 52.1 66.2 99.4#



Abundance Scan 2537 (23.445 min): BN014046.D\data.ms (-2494) (-)

