

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
 Data File : BP005354.D
 Acq On : 20 Apr 2021 14:44
 Operator : CG/JU
 Sample : PB165863BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135863BL

Quant Time: Apr 20 16:52:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 13:58:01 2021
 Response via : Initial Calibration

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

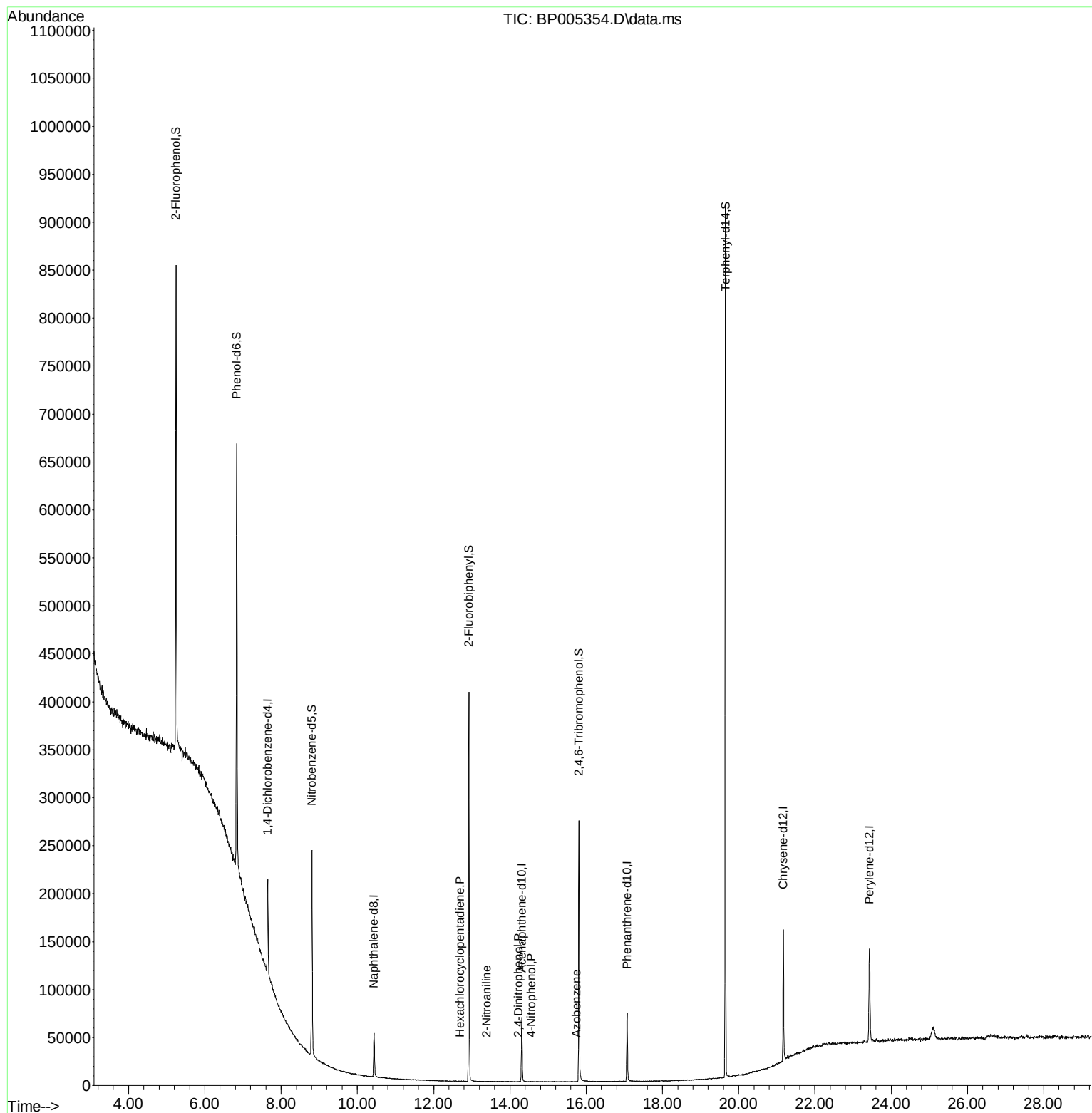
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	26259	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	37388	20.00	ng	0.00
39) Acenaphthene-d10	14.310	164	20423	20.00	ng	# 0.00
64) Phenanthrene-d10	17.075	188	46714	20.00	ng	# 0.00
76) Chrysene-d12	21.169	240	68555	20.00	ng	0.00
86) Perylene-d12	23.427	264	75318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	238071	144.24	ng	0.00
7) Phenol-d6	6.834	99	231978	121.73	ng	0.00
23) Nitrobenzene-d5	8.810	82	125183	89.41	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	56966	119.83	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	166280	107.70	ng	0.00
79) Terphenyl-d14	19.651	244	367212	103.67	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.698	237	20	4.80	ng	Qvalue 74
48) 2-Nitroaniline	13.387	65	15	3.96	ng	# 42
54) 2,4-Dinitrophenol	14.228	184	7	4.29	ng	95
56) 4-Nitrophenol	14.557	139	12	3.07	ng	# 57
63) Azobenzene	15.739	77	18	2.96	ng	67

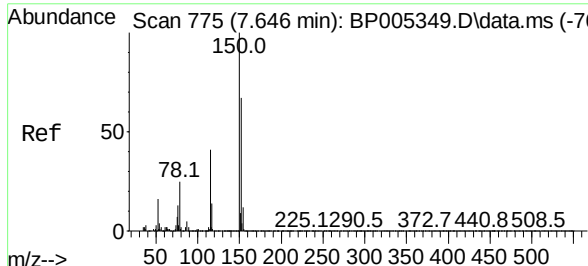
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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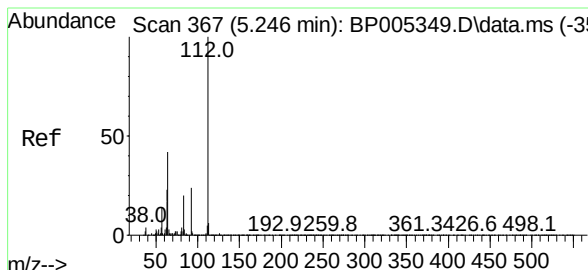
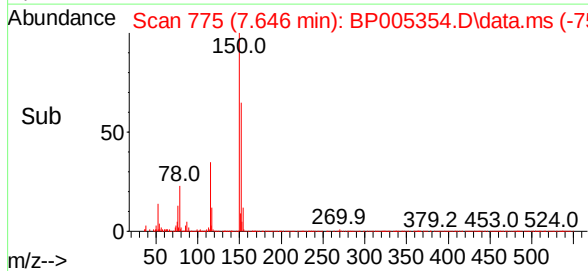
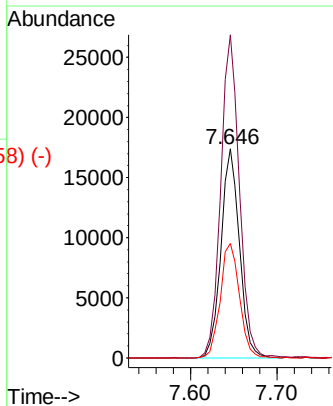
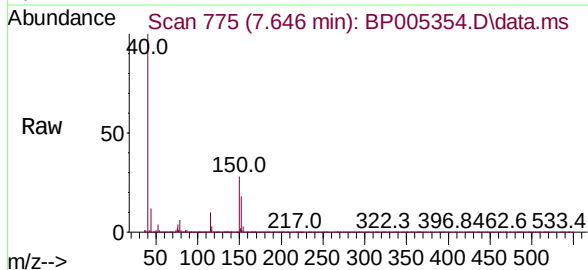




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.646 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

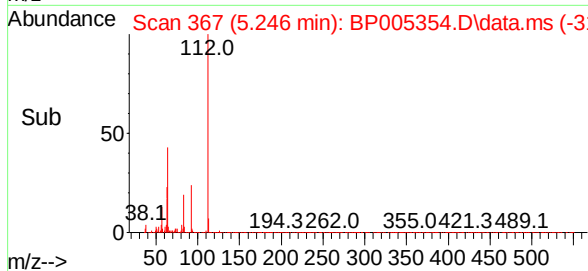
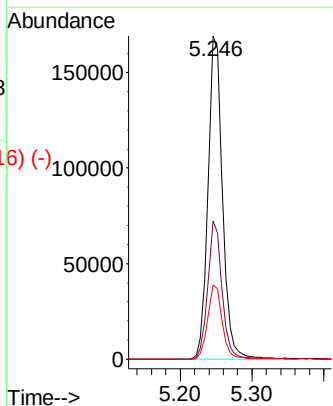
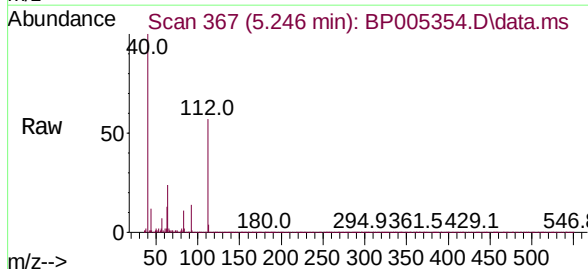
Instrument :
 BNA_P
 ClientSampleID :
 PB135863BL

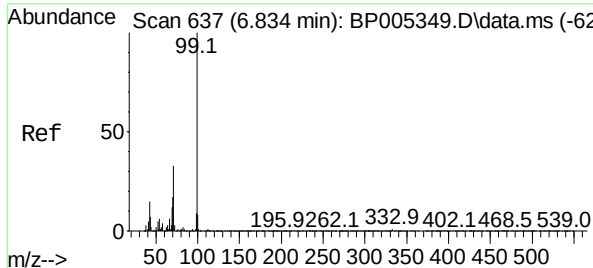
Tgt Ion:	152	Resp:	26259
Ion Ratio	Lower	Upper	
152	100		
150	154.6	119.8	179.8
115	54.8	49.0	73.4



2-Fluorophenol
 Concen: 144.24 ng
 RT: 5.246 min Scan# 367
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

Tgt Ion:	112	Resp:	238071
Ion Ratio	Lower	Upper	
112	100		
64	42.7	33.6	50.4
63	22.9	18.6	27.8

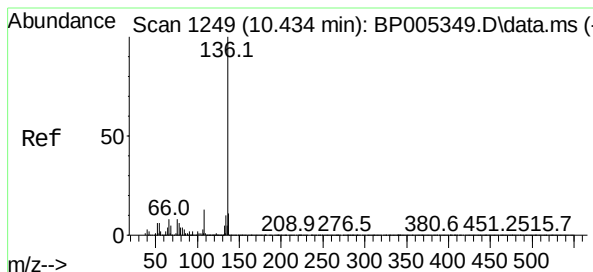
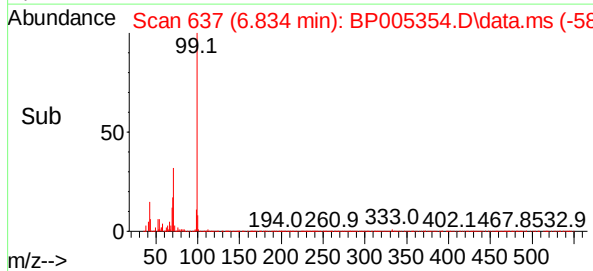
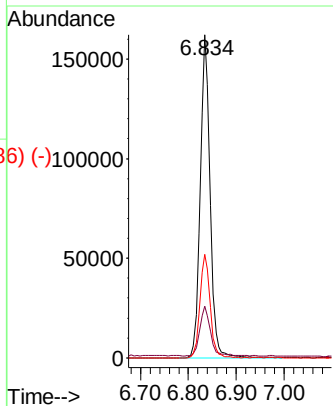
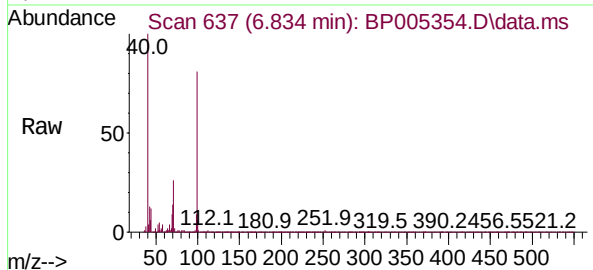




Phenol-d6
 Concen: 121.73 ng
 RT: 6.834 min Scan# 637
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

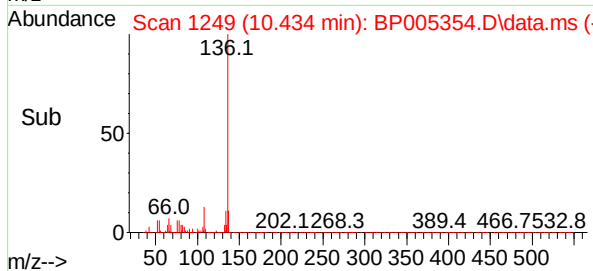
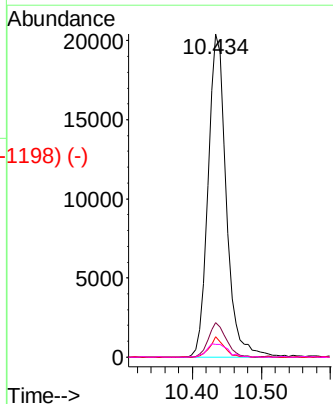
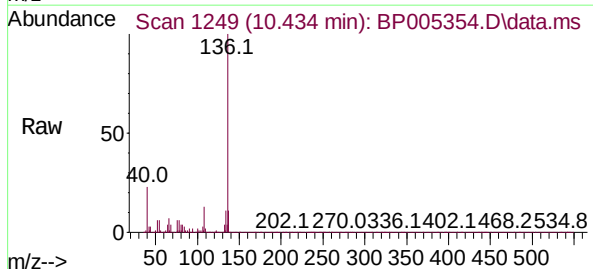
Instrument :
 BNA_P
 ClientSampleID :
 PB135863BL

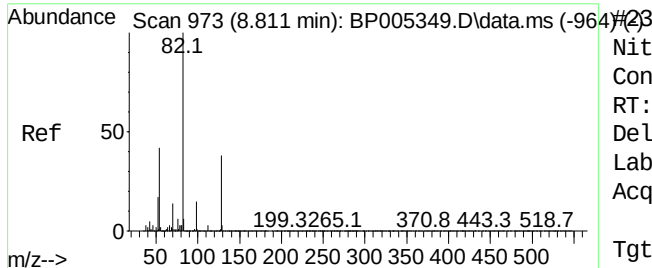
Tgt Ion:	99	Resp:	231978
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.9	19.3
71	32.0	26.7	40.1



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.434 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

Tgt Ion:	136	Resp:	37388
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	5.0	7.4
68	3.9	3.7	5.5

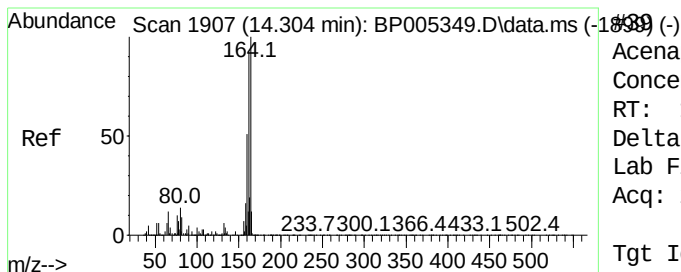
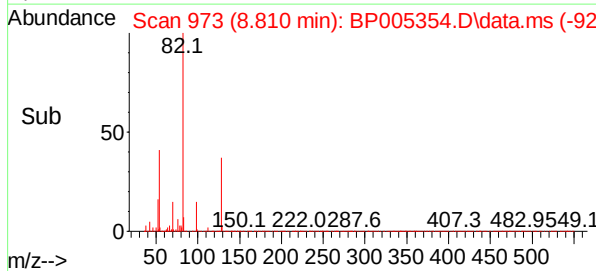
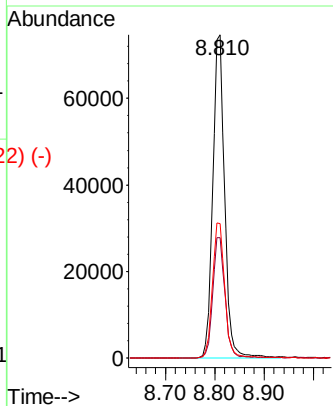
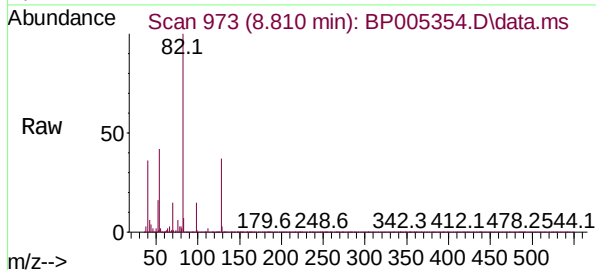




Nitrobenzene-d5
Concen: 89.41 ng
RT: 8.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

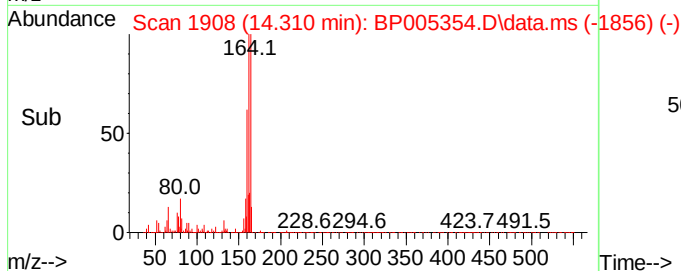
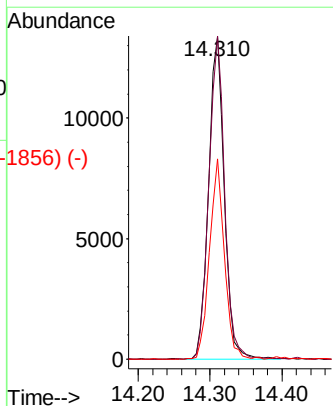
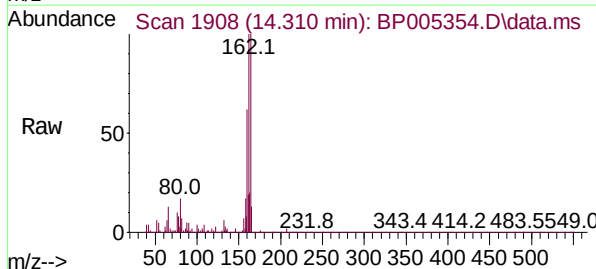
Instrument :
BNA_P
ClientSampleId :
PB135863BL

Tgt Ion:	82	Resp:	125183
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	41.5	33.9	50.9

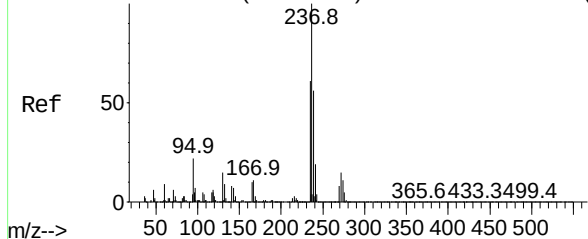


Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

Tgt Ion:	164	Resp:	20423
Ion	Ratio	Lower	Upper
164	100		
162	100.1	73.5	110.3
160	62.0	40.6	61.0#



Abundance Scan 1592 (12.452 min): BP005349.D\data.ms (-1541) (-)

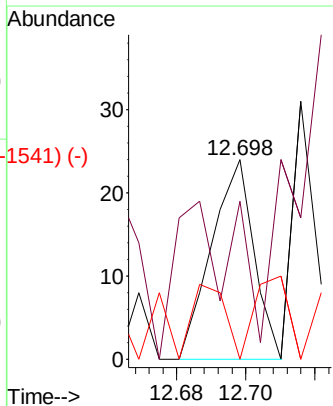
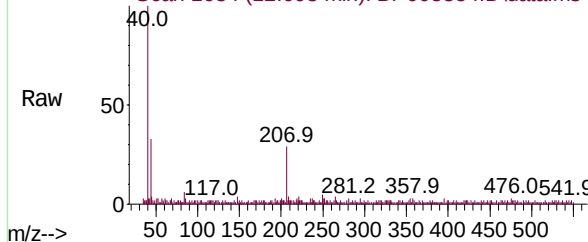


Hexachlorocyclopentadiene
Concen: 4.80 ng
RT: 12.698 min Scan# 1634
Delta R.T. 0.246 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

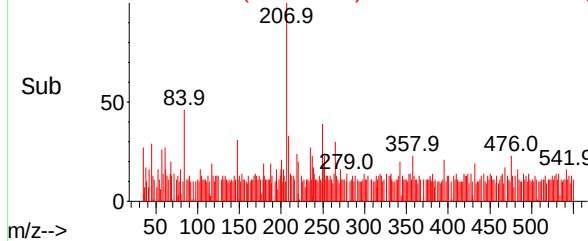
Instrument :
BNA_P
ClientSampleId :
PB135863BL

Tgt Ion:	237	Resp:	20
Ion	Ratio	Lower	Upper
237	100		
235	79.2	40.9	80.9
272	0.0	0.0	34.6

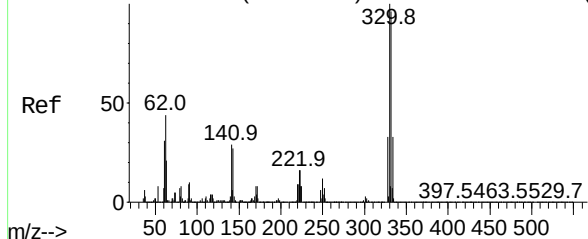
Abundance Scan 1634 (12.698 min): BP005354.D\data.ms



Abundance Scan 1634 (12.698 min): BP005354.D\data.ms (-1541) (-)



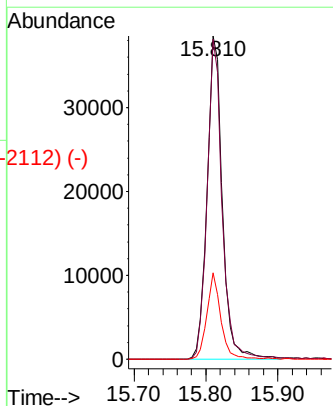
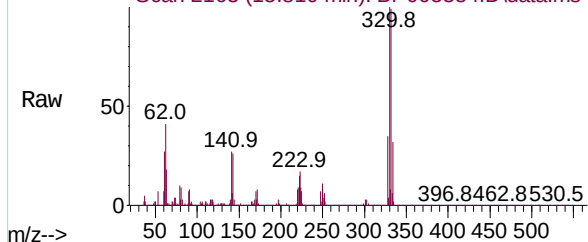
Abundance Scan 2163 (15.810 min): BP005349.D\data.ms (-2112) (-)



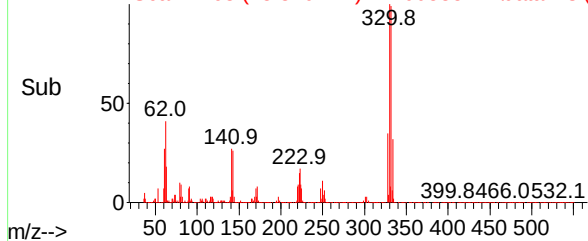
2,4,6-Tribromophenol
Concen: 119.83 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

Tgt Ion:	330	Resp:	56966
Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.3	114.5
141	24.3	22.8	34.2

Abundance Scan 2163 (15.810 min): BP005354.D\data.ms



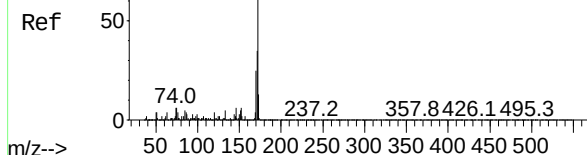
Abundance Scan 2163 (15.810 min): BP005354.D\data.ms (-2112) (-)



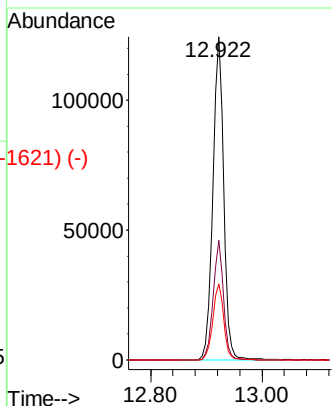
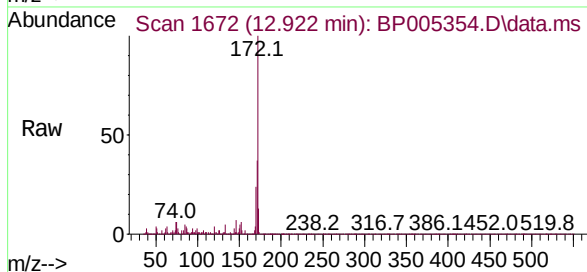
Abundance Scan 1672 (12.922 min): BP005349.D\data.ms (-1658) (-)

2-Fluorobiphenyl
Concen: 107.70 ng
RT: 12.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

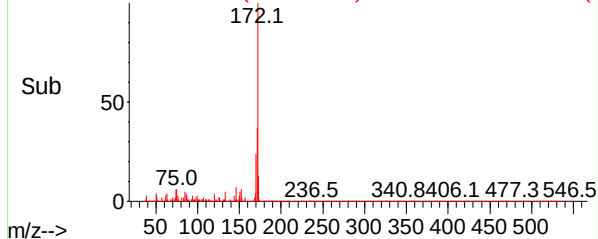
Instrument :
BNA_P
ClientSampleId :
PB135863BL



Tgt Ion:	172	Resp:	166280
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.1	42.1
170	23.6	19.6	29.4



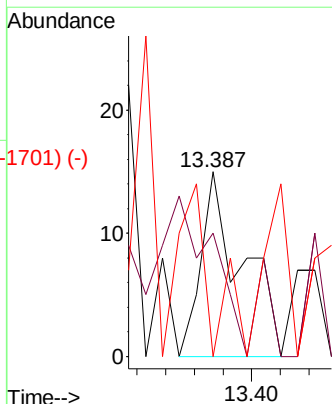
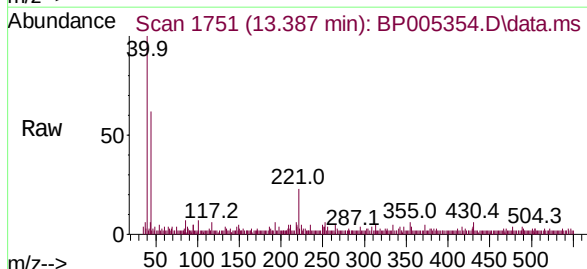
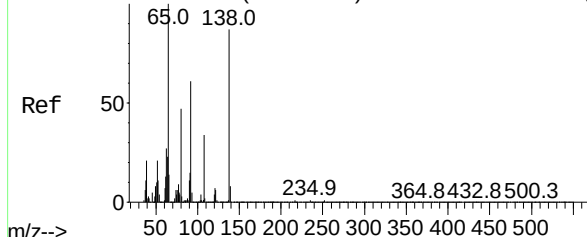
Abundance Scan 1672 (12.922 min): BP005354.D\data.ms (-1621) (-)



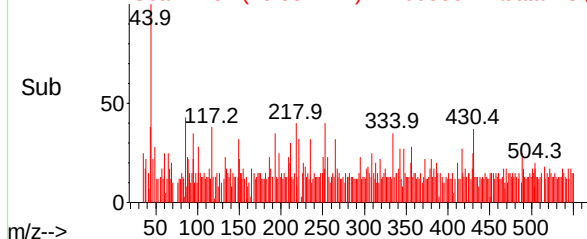
Abundance Scan 1752 (13.393 min): BP005349.D\data.ms (-1748) (-)

2-Nitroaniline
Concen: 3.96 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

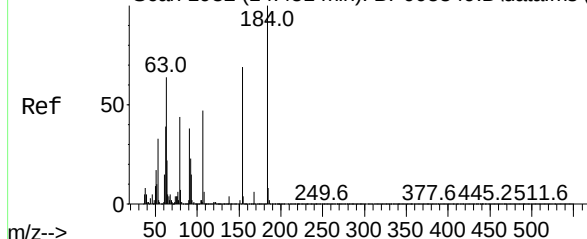
Tgt Ion:	65	Resp:	15
Ion	Ratio	Lower	Upper
65	100		
92	66.7	48.8	73.2
138	0.0	69.5	104.3#



Abundance Scan 1751 (13.387 min): BP005354.D\data.ms (-1701) (-)



Abundance Scan 1932 (14.451 min): BP005349.D\data.ms (-1932) (-)

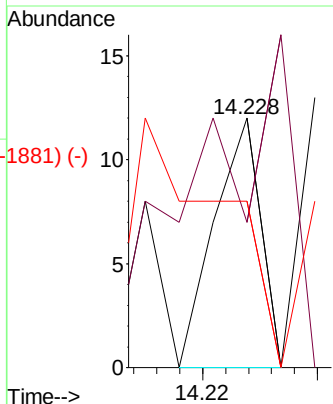
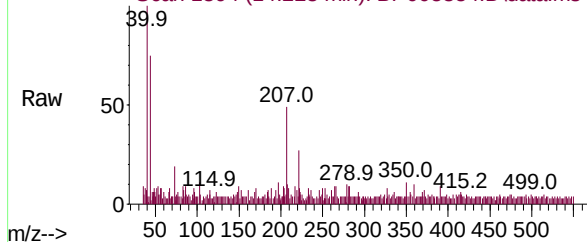


2,4-Dinitrophenol
Concen: 4.29 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.223 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

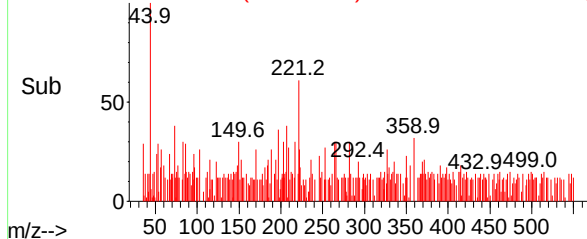
Instrument :
BNA_P
ClientSampleID :
PB135863BL

Tgt Ion:	184	Resp:	7
Ion	Ratio	Lower	Upper
184	100		
63	58.3	51.2	76.8
154	66.7	55.8	83.8

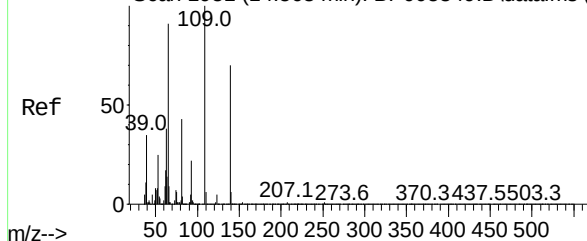
Abundance Scan 1894 (14.228 min): BP005354.D\data.ms



Abundance Scan 1894 (14.228 min): BP005354.D\data.ms (-1881) (-)



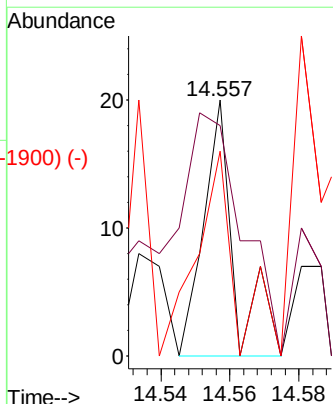
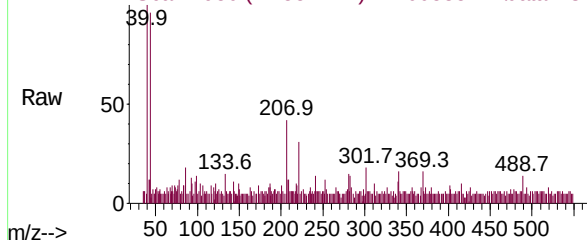
Abundance Scan 1951 (14.563 min): BP005349.D\data.ms (-1951) (-)



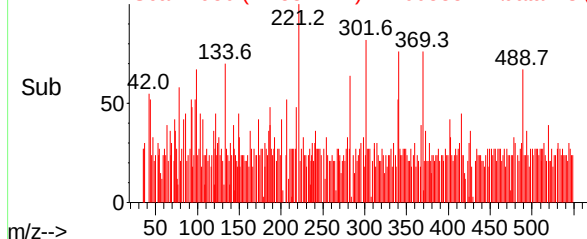
4-Nitrophenol
Concen: 3.07 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

Tgt Ion:	139	Resp:	12
Ion	Ratio	Lower	Upper
139	100		
109	90.0	122.8	162.8#
65	80.0	110.0	150.0#

Abundance Scan 1950 (14.557 min): BP005354.D\data.ms



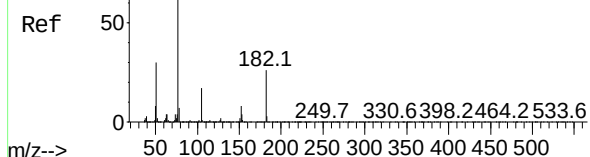
Abundance Scan 1950 (14.557 min): BP005354.D\data.ms (-1900) (-)



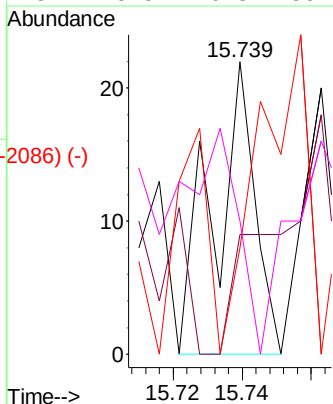
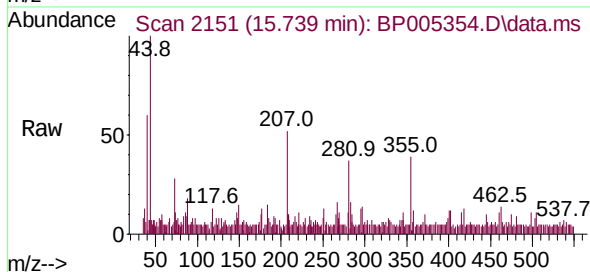
Abundance Scan 2137 (15.657 min): BP005349.D\data.ms (-2137) (-)

Azobenzene
Concen: 2.96 ng
RT: 15.739 min Scan# 2151
Delta R.T. 0.082 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

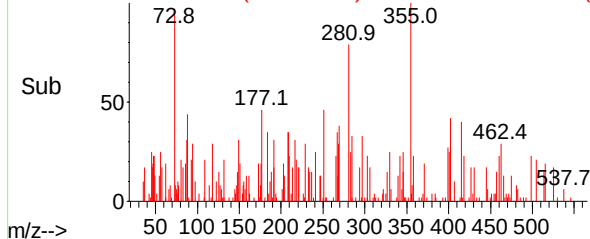
Instrument :
BNA_P
ClientSampled :
PB135863BL



Tgt Ion:	77	Resp:	18
Ion	Ratio	Lower	Upper
77	100		
182	40.9	5.5	45.5
105	36.4	0.0	36.5
51	45.5	10.3	50.3



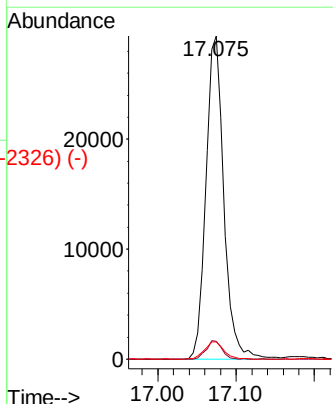
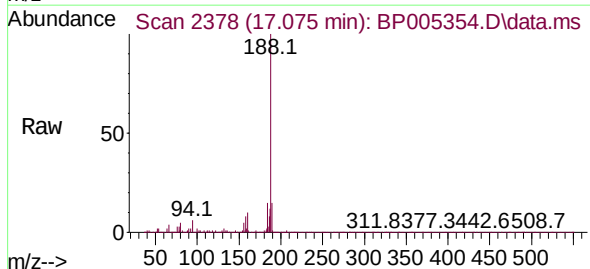
Abundance Scan 2151 (15.739 min): BP005354.D\data.ms (-2086) (-)



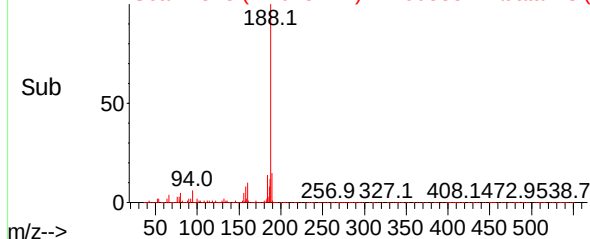
Abundance Scan 2377 (17.069 min): BP005349.D\data.ms (-2367) (-)

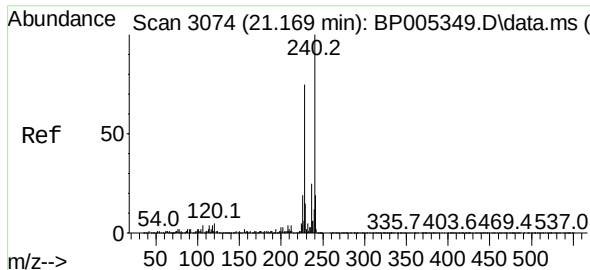
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.006 min
Lab File: BP005354.D
Acq: 20 Apr 2021 14:44

Tgt Ion:	188	Resp:	46714
Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.0	7.6
80	5.3	5.9	8.9#



Abundance Scan 2378 (17.075 min): BP005354.D\data.ms (-2326) (-)

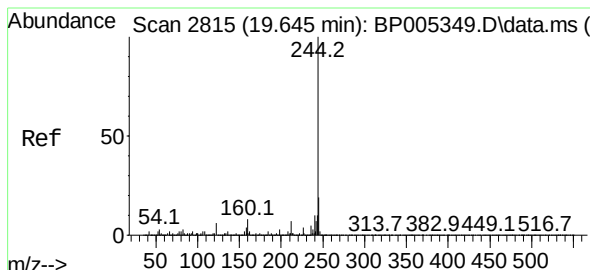
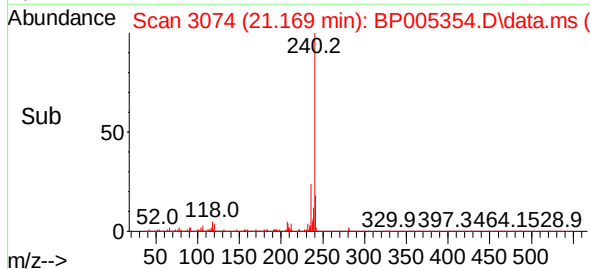
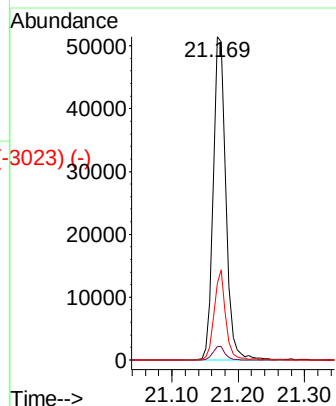
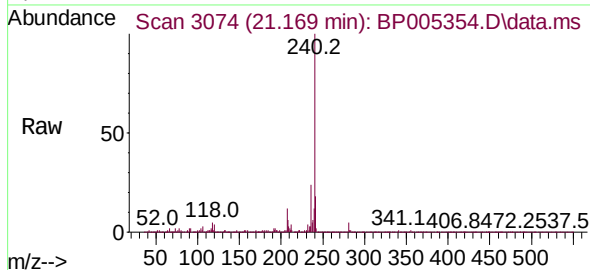




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.169 min Scan# 3074
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

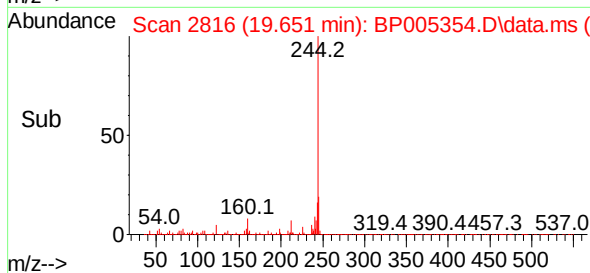
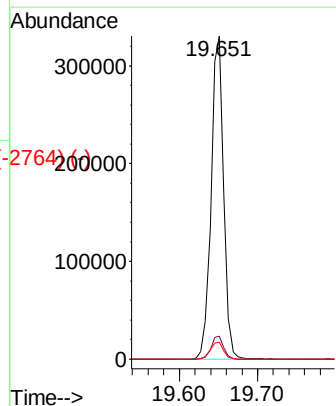
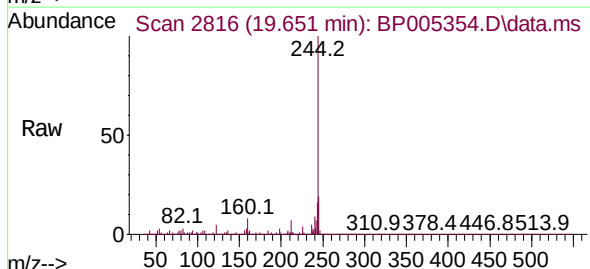
Instrument :
 BNA_P
 ClientSampleId :
 PB135863BL

Tgt Ion:	240	Resp:	68555
Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.2	6.2
236	23.7	20.2	30.2

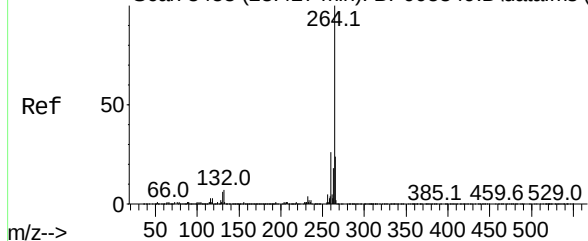


Terphenyl-d14
 Concen: 103.67 ng
 RT: 19.651 min Scan# 2816
 Delta R.T. 0.006 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

Tgt Ion:	244	Resp:	367212
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	5.3	5.2	7.8



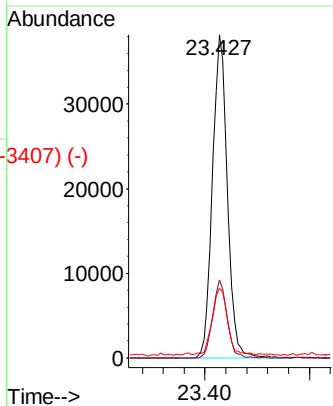
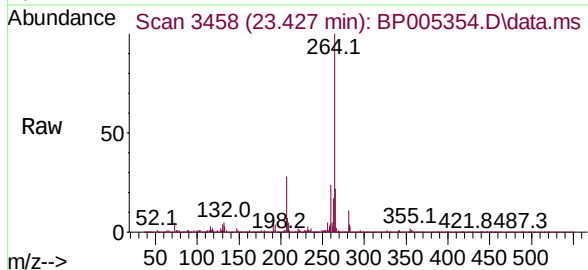
Abundance Scan 3458 (23.427 min): BP005349.D\data.ms (-3407) (-)



Perylene-d12
 Concen: 20.00 ng
 RT: 23.427 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: BP005354.D
 Acq: 20 Apr 2021 14:44

Instrument :
 BNA_P
 ClientSampleId :
 PB135863BL

Tgt Ion:	264	Resp:	75318
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.6	30.8
265	21.6	19.0	28.6



Abundance Scan 3458 (23.427 min): BP005354.D\data.ms (-3407) (-)

