

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008479.D
 Acq On : 17 Dec 2021 19:35
 Operator : CG/JU
 Sample : M5084-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C8

Quant Time: Dec 18 06:17:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

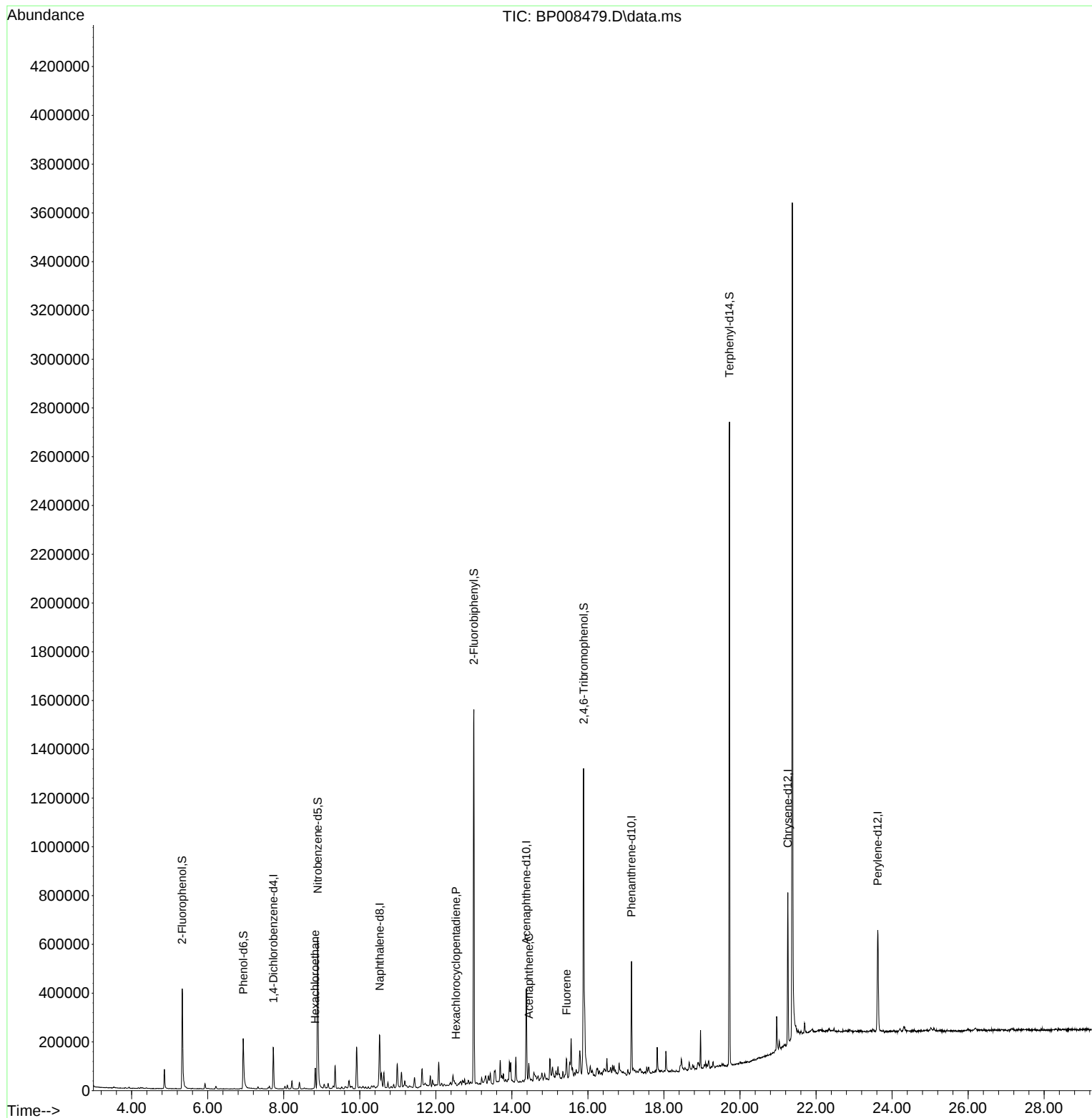
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	46726	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	172235	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	120279	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	266711	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	305590	20.000	ng	-0.01
86) Perylene-d12	23.621	264	337565	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	192533	65.072	ng	-0.02
7) Phenol-d6	6.934	99	152018	38.255	ng	0.00
23) Nitrobenzene-d5	8.893	82	352744	86.765	ng	-0.02
42) 2,4,6-Tribromophenol	15.887	330	261166	147.752	ng	-0.02
45) 2-Fluorobiphenyl	12.999	172	786160	83.087	ng	-0.02
79) Terphenyl-d14	19.722	244	1231521	70.137	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	246	Below Cal	#	42
9) Benzaldehyde	6.881	77	79	Below Cal	#	32
18) Hexachloroethane	8.828	117	15767	11.975	ng	# 12
41) Hexachlorocyclopentadiene	12.528	237	25	8.669	ng	78
52) Acenaphthene	14.445	154	22197	3.425	ng	99
58) Fluorene	15.440	166	28515	3.336	ng	# 98

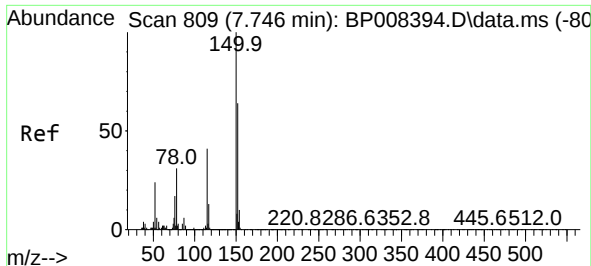
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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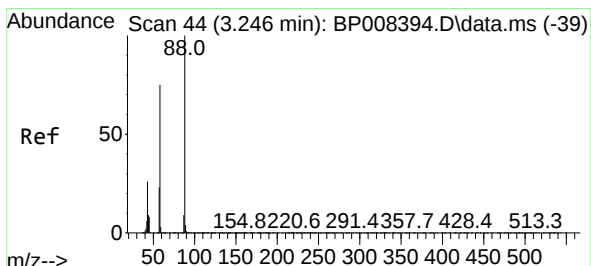
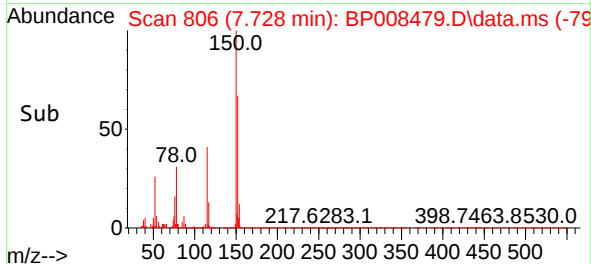
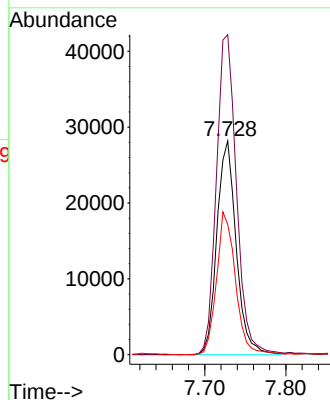
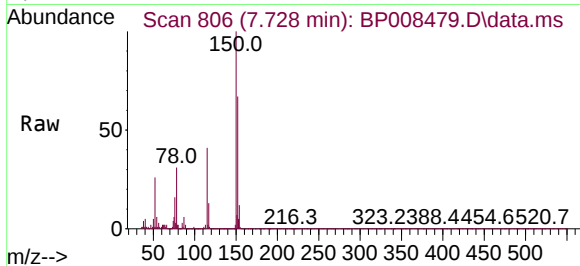




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 809
 Delta R.T. -0.018 min
 Lab File: BP008479.D
 Acq: 17 Dec 2021 19:35

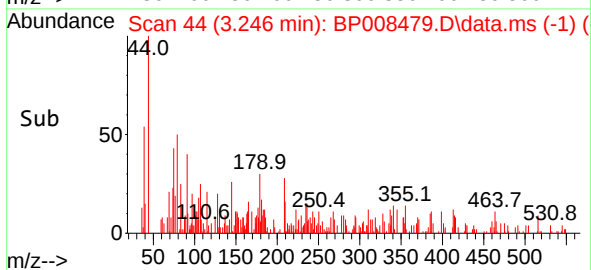
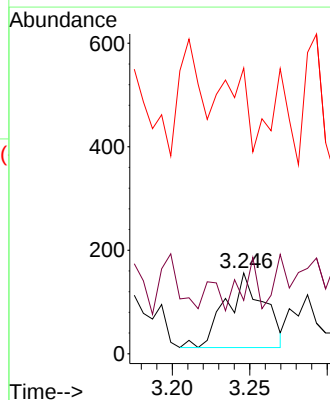
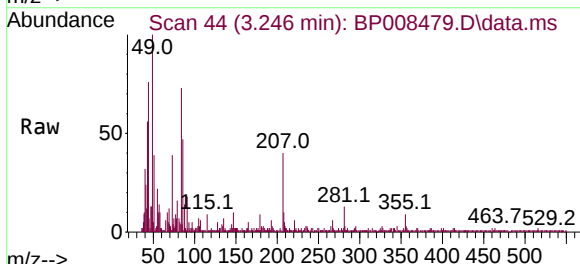
Instrument :
 BNA_P
 ClientSampleId :
 C8

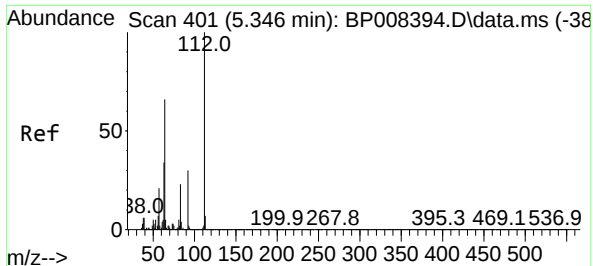
Tgt Ion:152 Resp: 46726
 Ion Ratio Lower Upper
 152 100
 150 149.6 125.7 188.5
 115 60.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.246 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BP008479.D
 Acq: 17 Dec 2021 19:35

Tgt Ion: 88 Resp: 246
 Ion Ratio Lower Upper
 88 100
 58 26.8 63.5 95.3#
 43 58.1 23.4 35.2#

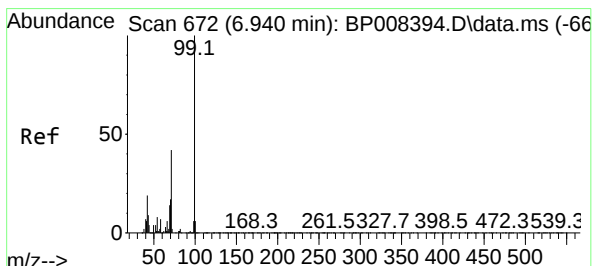
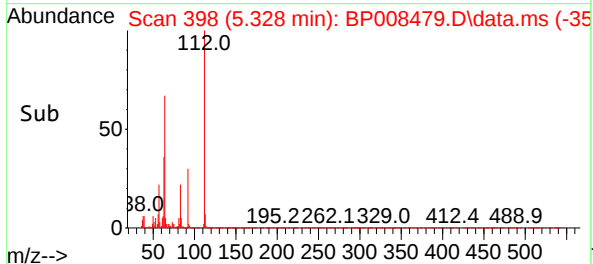
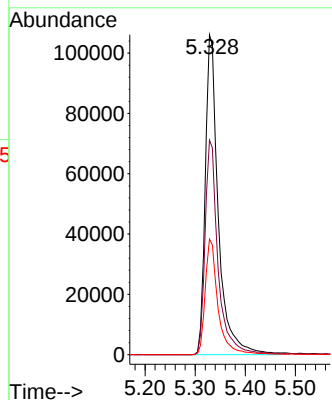
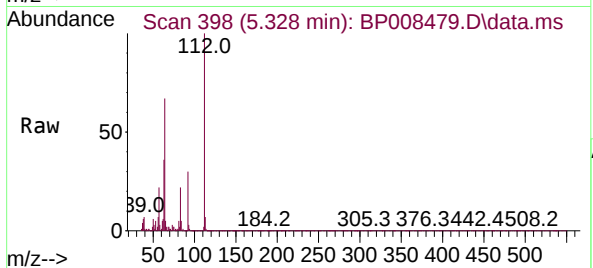




#5
2-Fluorophenol
Concen: 65.072 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

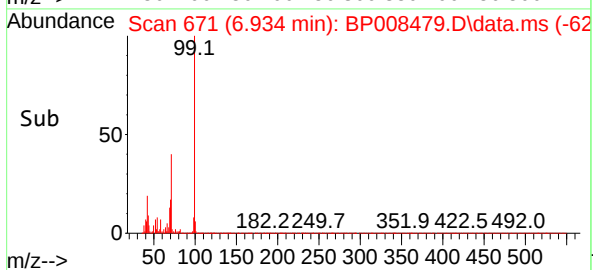
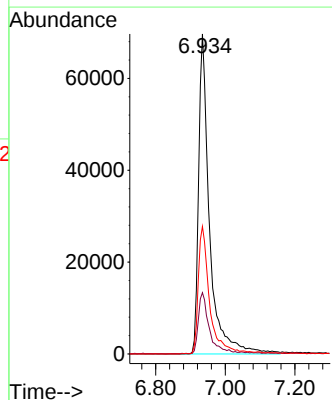
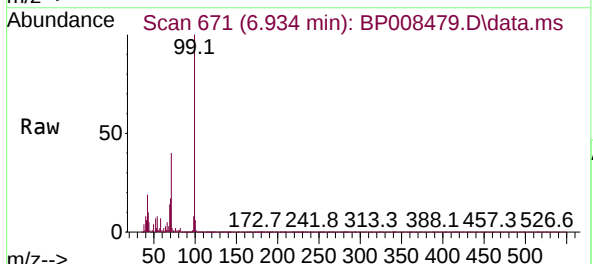
Instrument :
BNA_P
ClientSampleId :
C8

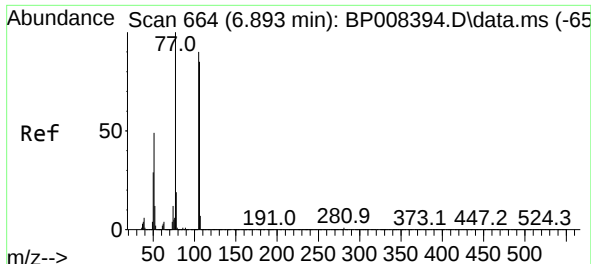
Tgt Ion:112 Resp: 192533
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 36.1 27.8 41.8



#7
Phenol-d6
Concen: 38.255 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 99 Resp: 152018
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 39.9 31.1 46.7

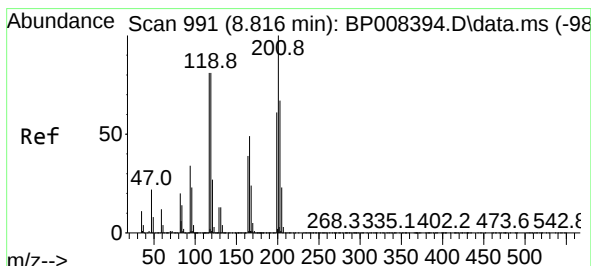
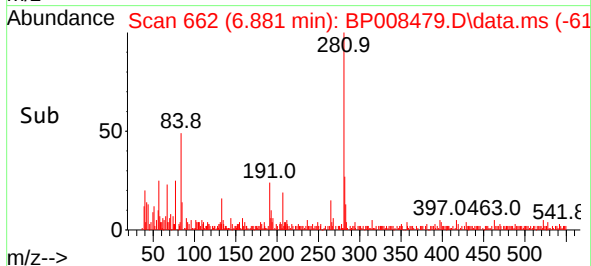
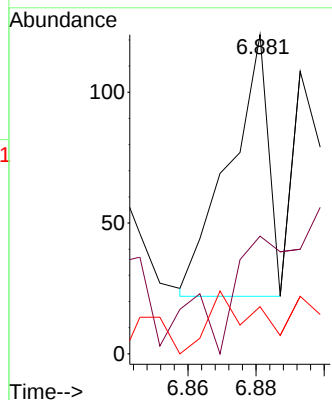
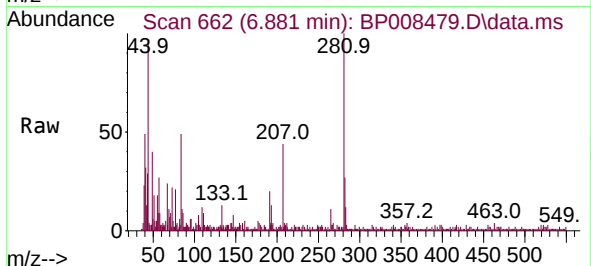




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

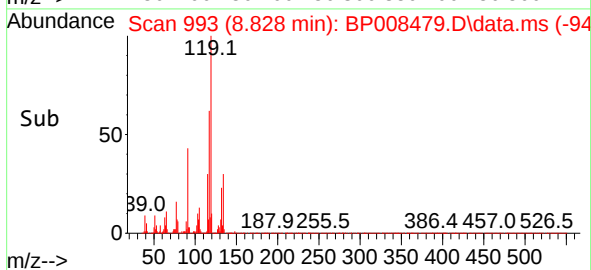
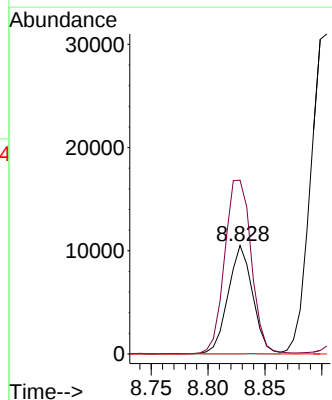
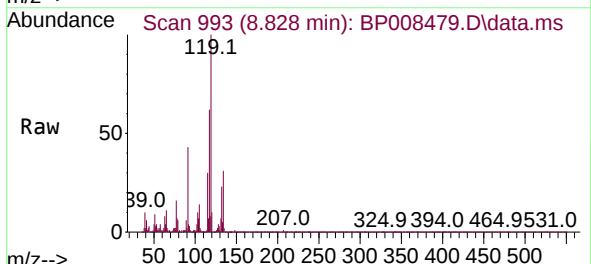
Instrument :
BNA_P
ClientSampleId :
C8

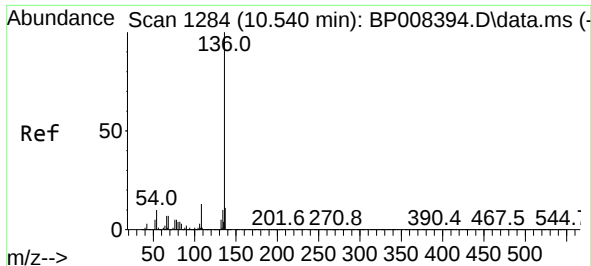
Tgt Ion: 77 Resp: 79
Ion Ratio Lower Upper
77 100
105 36.9 71.8 111.8#
106 14.8 67.3 107.3#



#18
Hexachloroethane
Concen: 11.975 ng
RT: 8.828 min Scan# 993
Delta R.T. 0.012 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion: 117 Resp: 15767
Ion Ratio Lower Upper
117 100
119 160.2 74.7 112.1#
201 0.0 88.6 132.8#

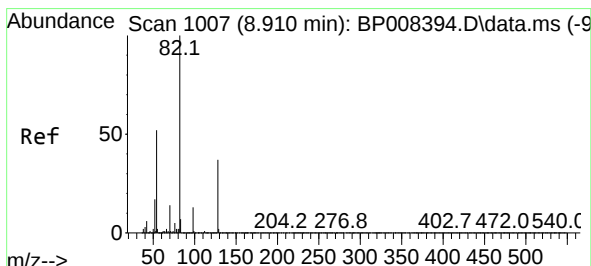
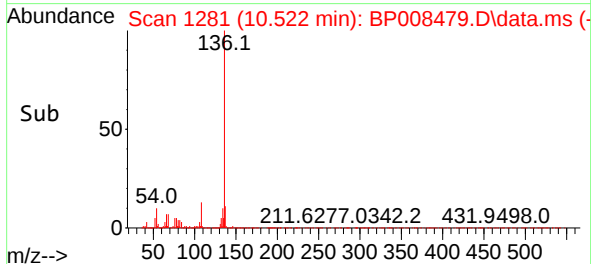
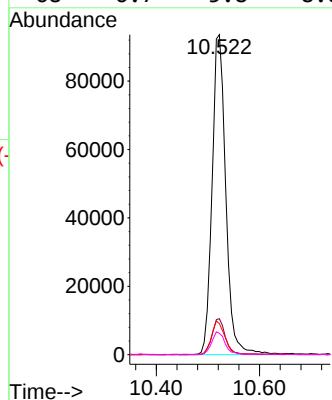
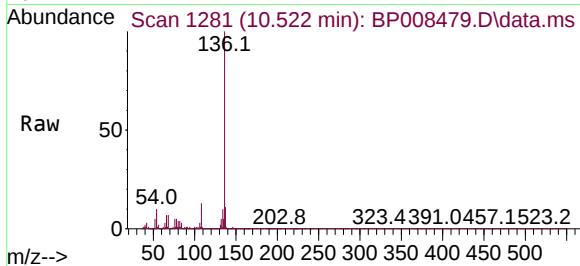




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

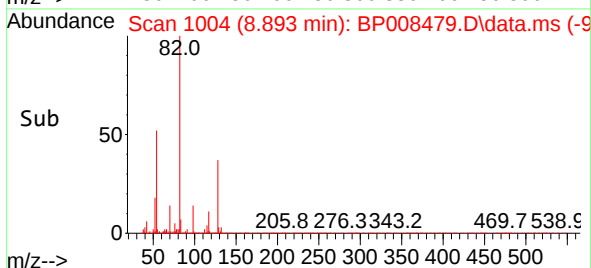
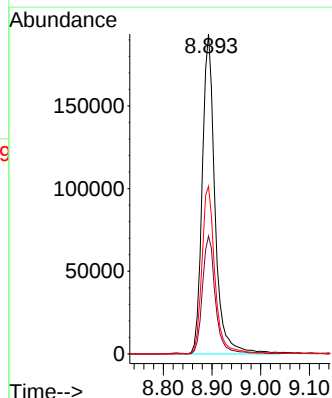
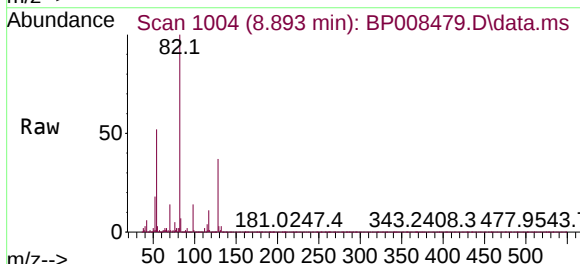
Instrument :
BNA_P
ClientSampleId :
C8

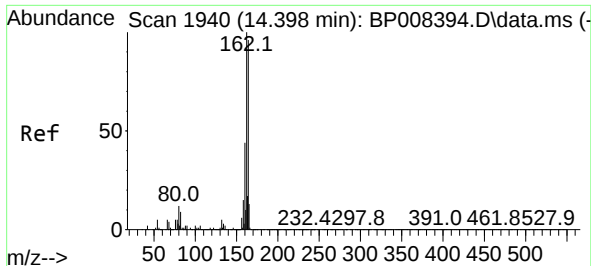
Tgt Ion:	136	Resp:	172235
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	8.2	12.4
68	6.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 86.765 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion:	82	Resp:	352744
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.6	44.4
54	52.4	42.7	64.1

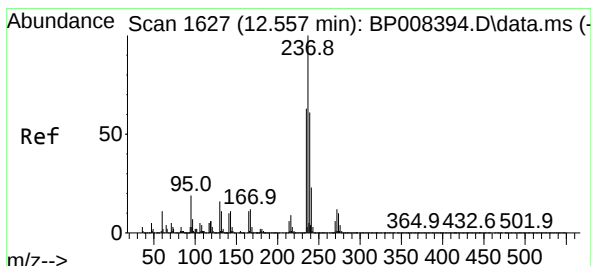
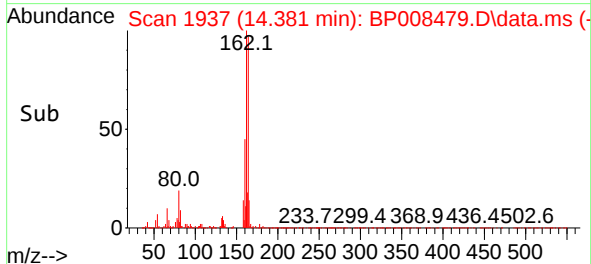
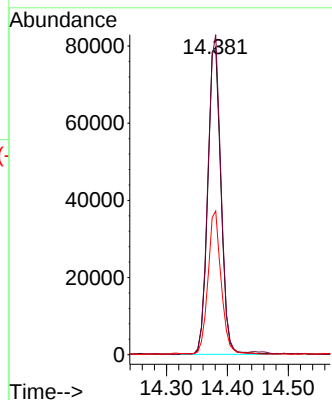
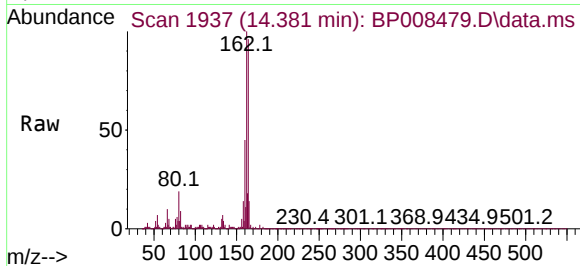




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.017 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

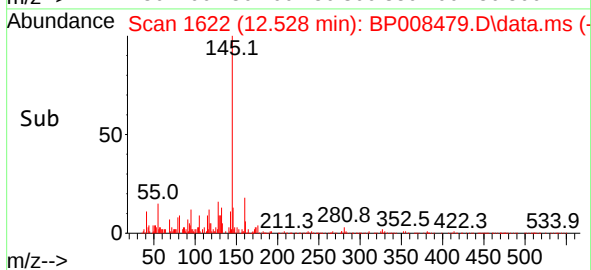
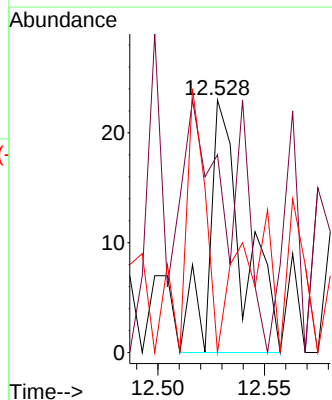
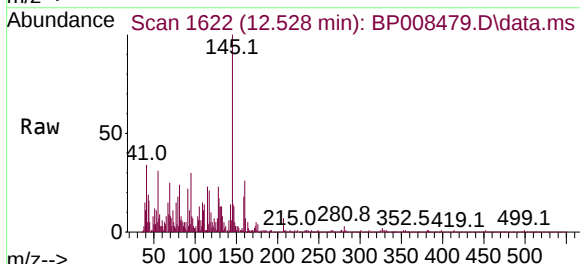
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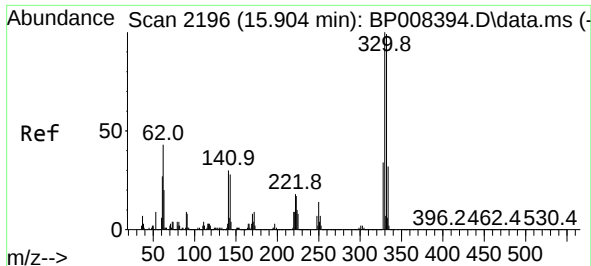
Tgt Ion:	164	Resp:	120279
Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	46.7	35.4	53.0



#41
Hexachlorocyclopentadiene
Concen: 8.669 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.029 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion:	237	Resp:	25
Ion	Ratio	Lower	Upper
237	100		
235	78.3	42.3	82.3
272	0.0	0.0	32.2

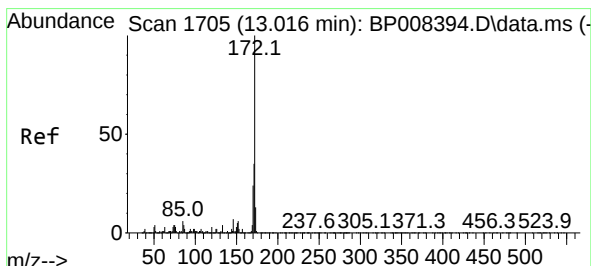
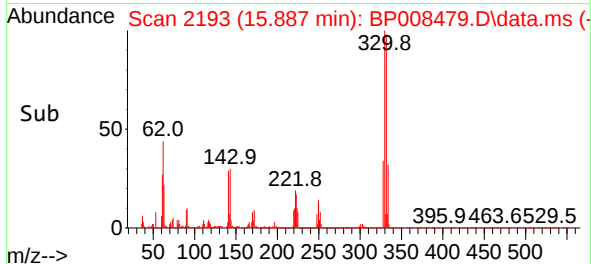
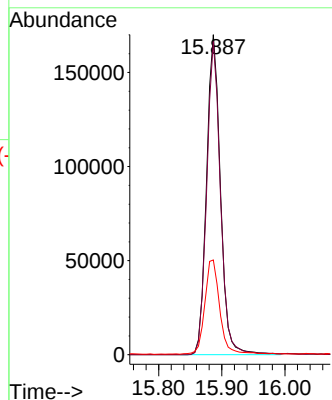
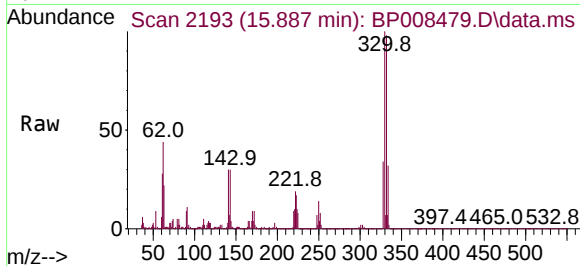




#42
2,4,6-Tribromophenol
Concen: 147.752 ng
RT: 15.887 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

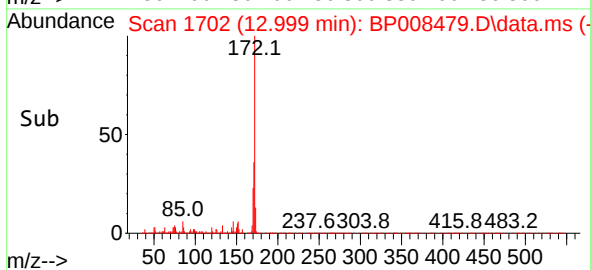
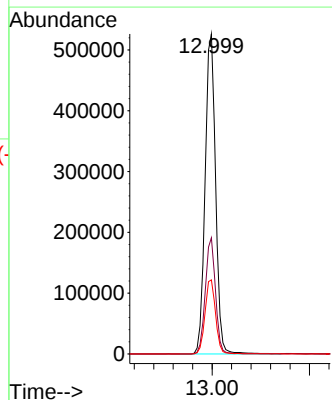
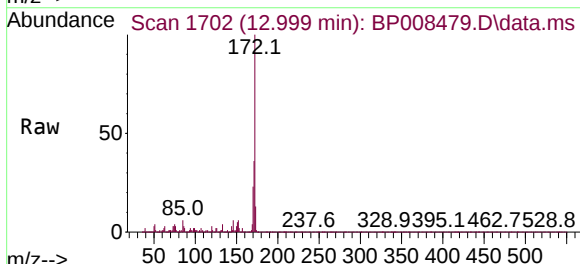
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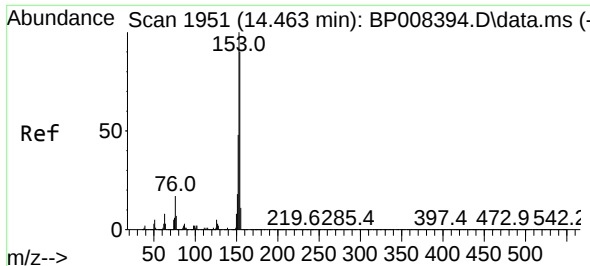
Tgt Ion:	330	Resp:	261166
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.4
141	31.8	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 83.087 ng
RT: 12.999 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion:	172	Resp:	786160
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.0	42.0
170	23.2	18.9	28.3

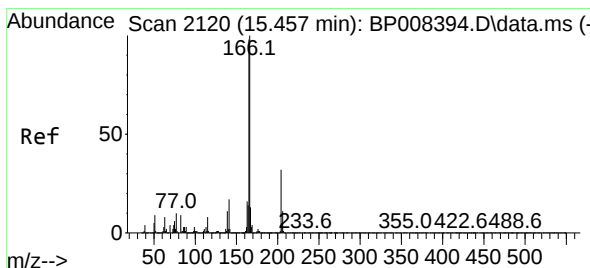
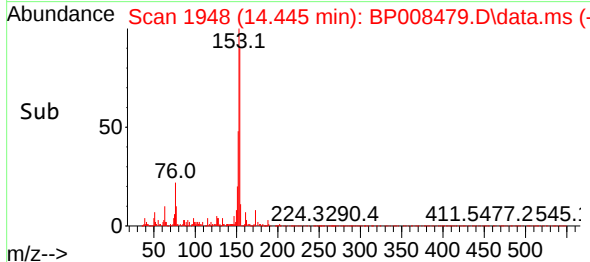
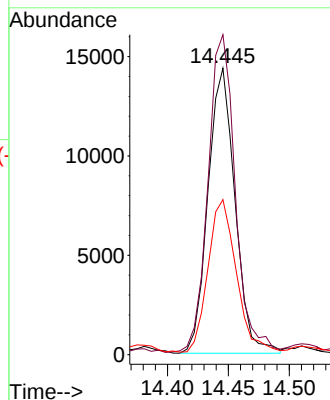
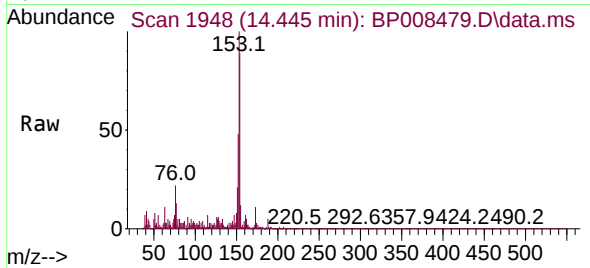




#52
Acenaphthene
Concen: 3.425 ng
RT: 14.445 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

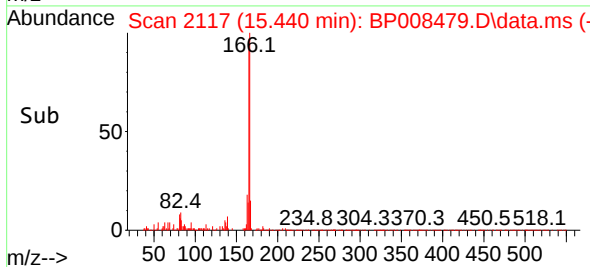
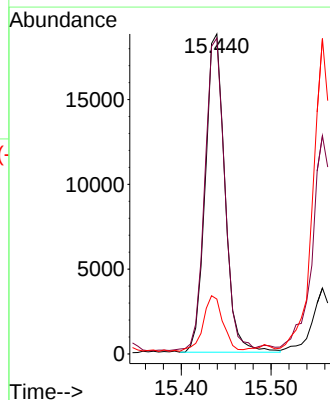
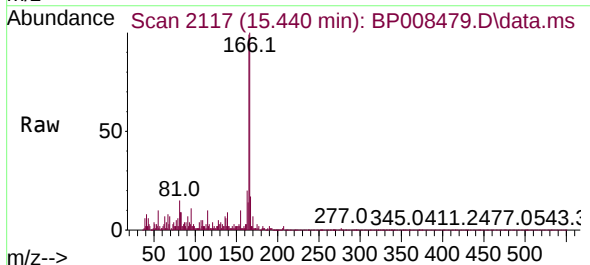
Instrument :
BNA_P
ClientSampleId :
C8

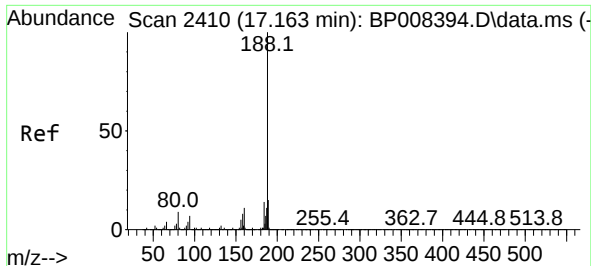
Tgt Ion:	154	Resp:	22197
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.3	135.5
152	54.1	43.3	64.9



#58
Fluorene
Concen: 3.336 ng
RT: 15.440 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion:	166	Resp:	28515
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.4	119.2
167	17.2	10.9	16.3

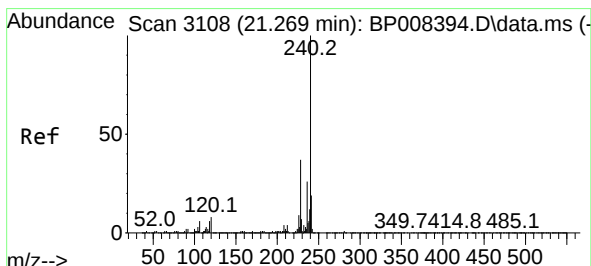
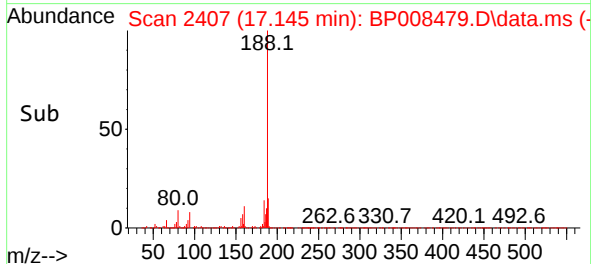
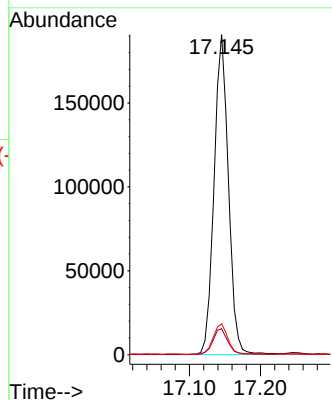
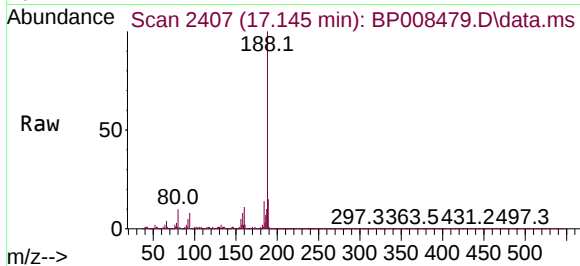




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

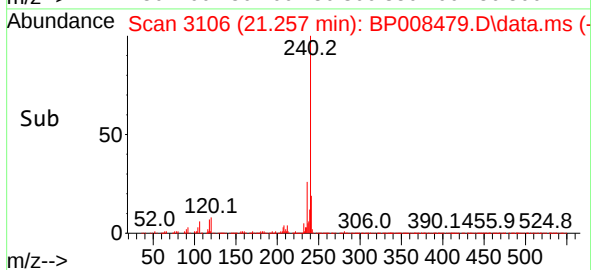
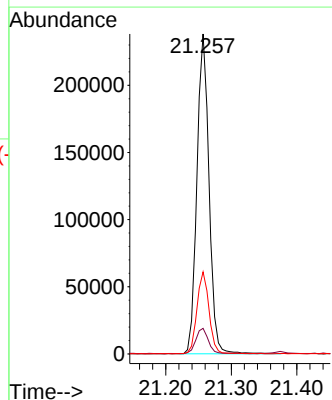
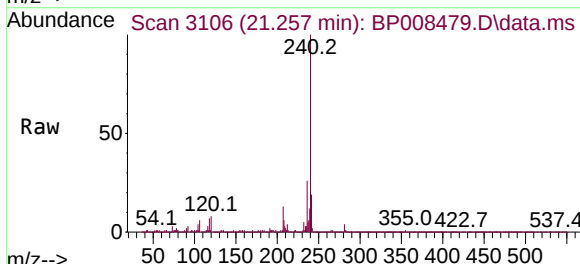
Instrument :
BNA_P
ClientSampleId :
C8

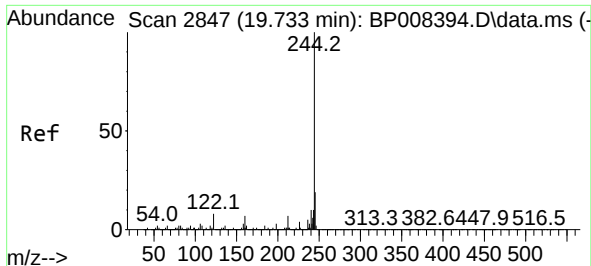
Tgt Ion:188 Resp: 266711
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008479.D
Acq: 17 Dec 2021 19:35

Tgt Ion:240 Resp: 305590
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 25.6 21.4 32.2



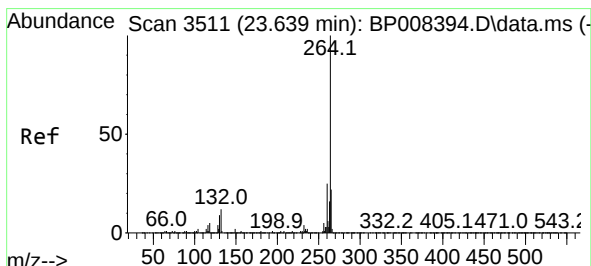
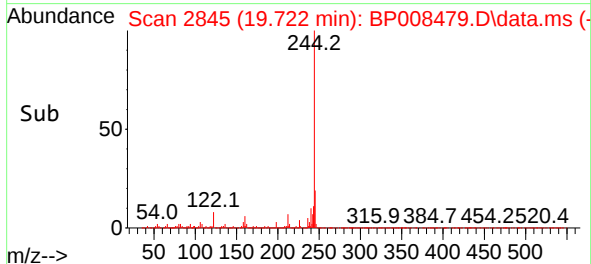
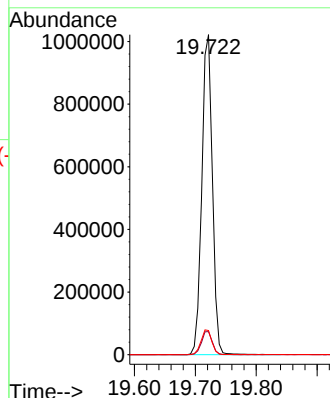
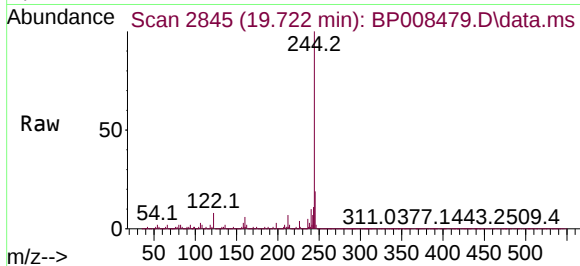


#79
 Terphenyl-d14
 Concen: 70.137 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008479.D
 Acq: 17 Dec 2021 19:35

Instrument :
 BNA_P
 ClientSampleId :
 C8

Tgt Ion:244 Resp: 1231521

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	7.6	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.018 min
 Lab File: BP008479.D
 Acq: 17 Dec 2021 19:35

Tgt Ion:264 Resp: 337565

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.3	17.6	26.4

