

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019806.D
 Acq On : 21 Feb 2024 14:05
 Operator : MA/JU
 Sample : P1523-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01

Quant Time: Feb 21 14:34:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

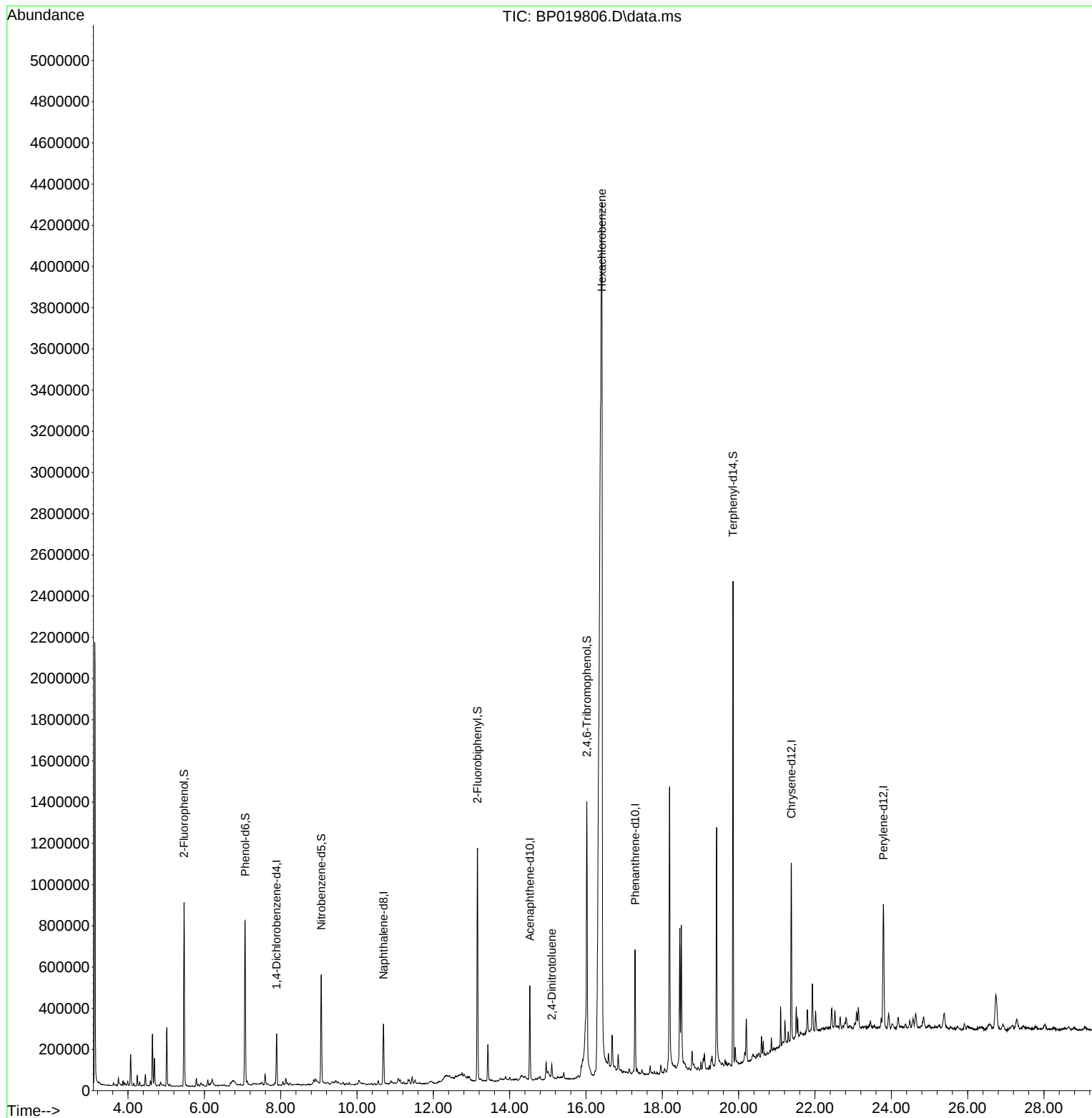
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	65695	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	234086	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	160572	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	371095	20.000	ng	0.00
76) Chrysene-d12	21.380	240	453348	20.000	ng	-0.01
86) Perylene-d12	23.792	264	531065	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	353997	86.858	ng	0.00
7) Phenol-d6	7.069	99	452472	82.337	ng	0.00
23) Nitrobenzene-d5	9.063	82	309146	57.226	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	246763	105.253	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	594478	45.768	ng	0.00
79) Terphenyl-d14	19.851	244	1145392	41.550	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	15.104	165	14513	4.101	ng	# 34
68) Hexachlorobenzene	16.416	284	302160	55.775	ng	# 45

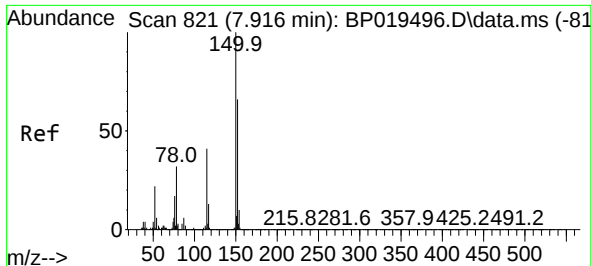
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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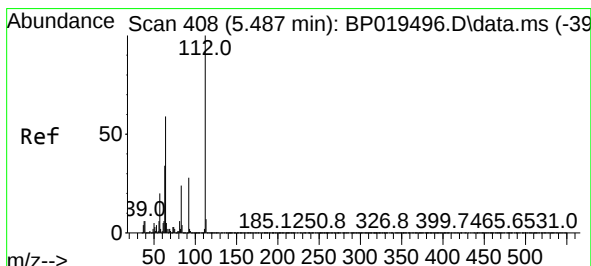
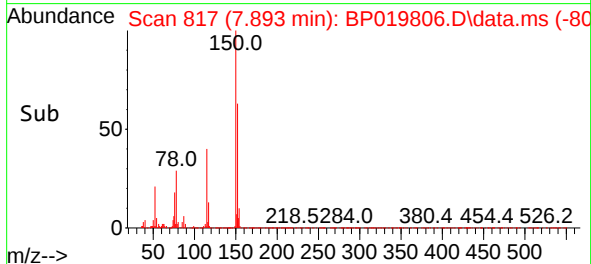
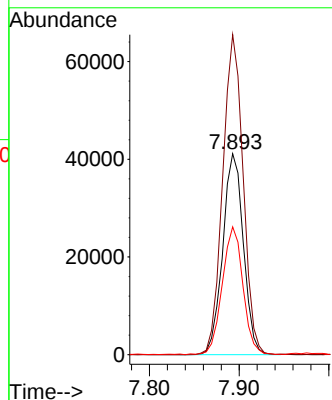
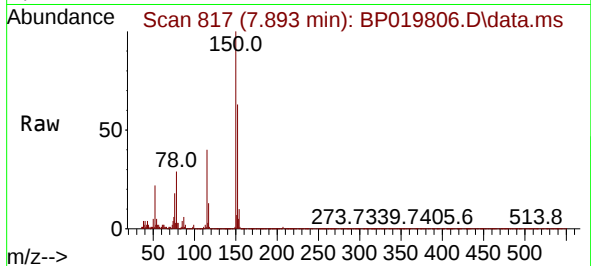




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

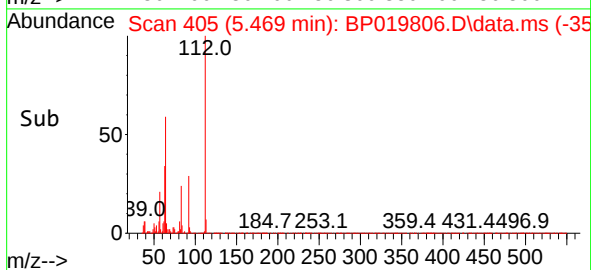
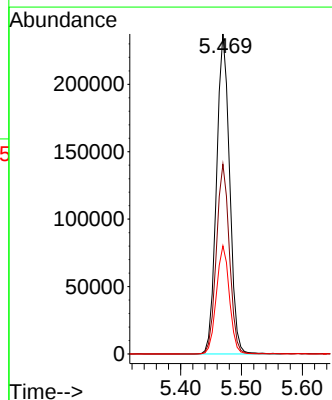
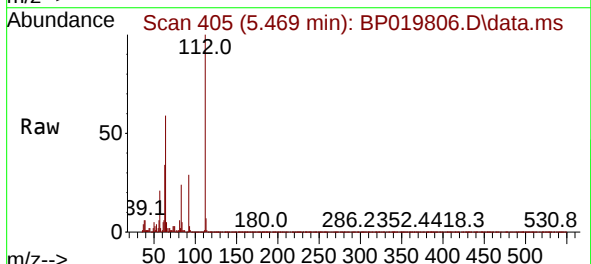
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

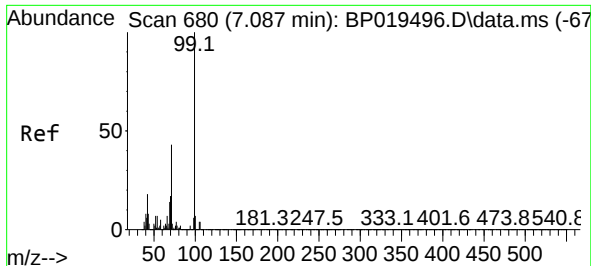
Tgt Ion:152 Resp: 65695
Ion Ratio Lower Upper
152 100
150 159.2 121.8 182.8
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 86.858 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

Tgt Ion:112 Resp: 353997
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 33.8 27.0 40.6

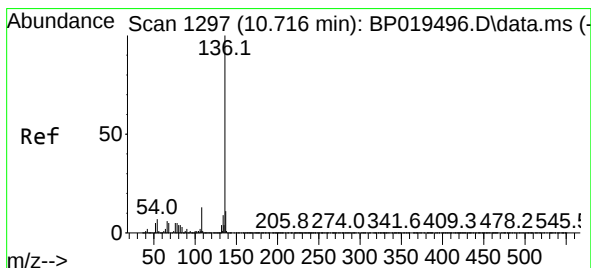
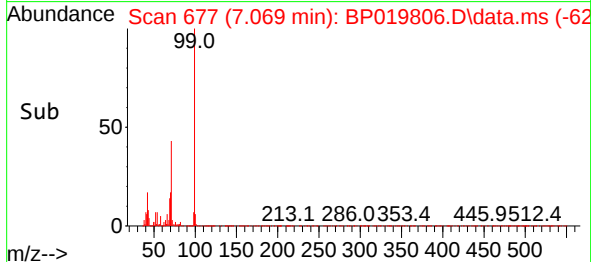
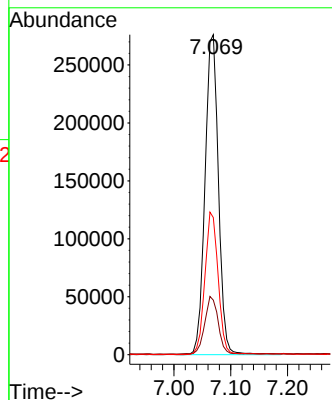
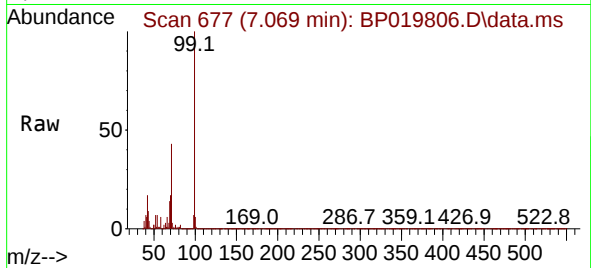




#7
Phenol-d6
Concen: 82.337 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

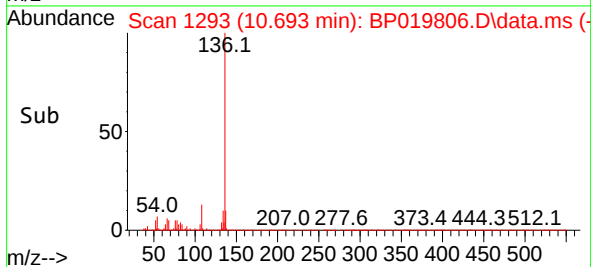
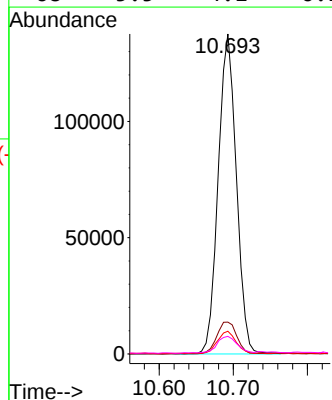
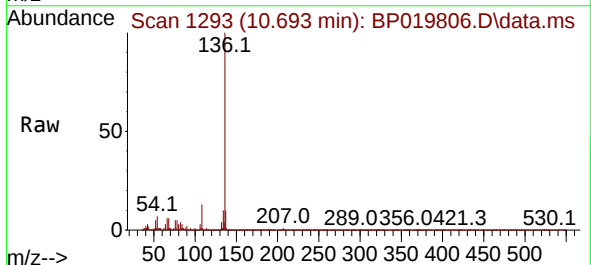
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

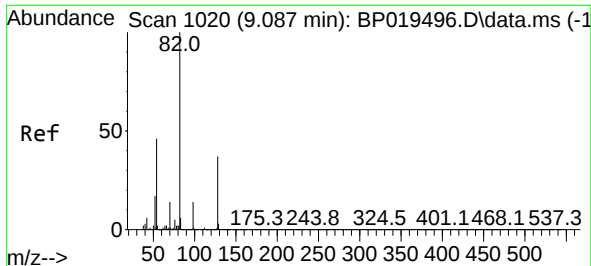
Tgt Ion: 99 Resp: 452472
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 42.8 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

Tgt Ion: 136 Resp: 234086
Ion Ratio Lower Upper
136 100
137 10.0 8.8 13.2
54 7.1 5.3 7.9
68 5.5 4.1 6.1

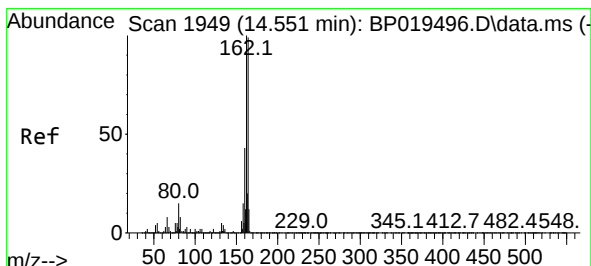
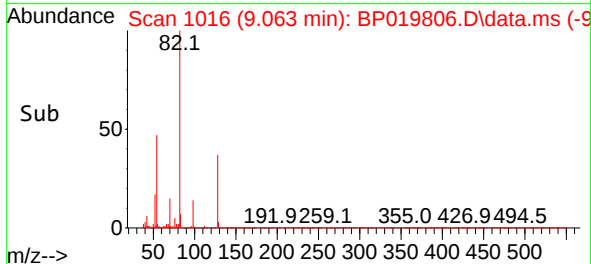
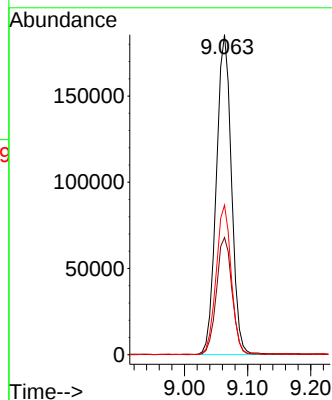
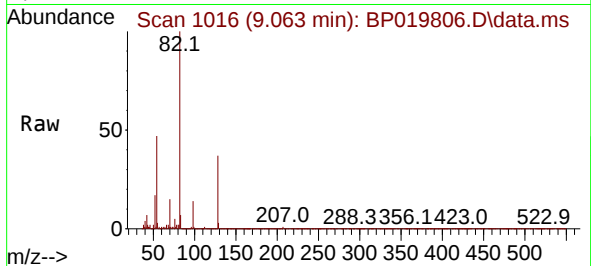




#23
Nitrobenzene-d5
Concen: 57.226 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

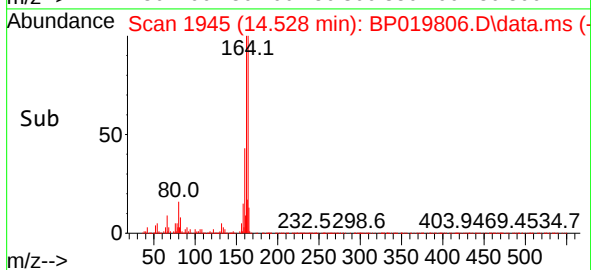
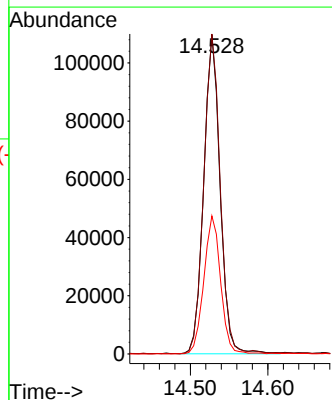
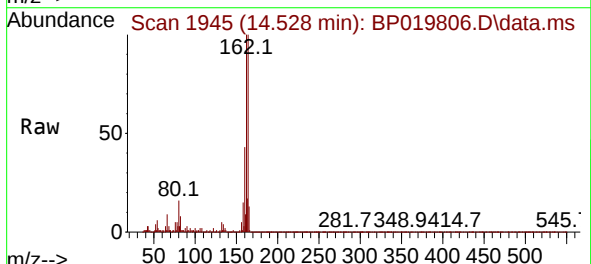
Instrument :
BNA_P
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

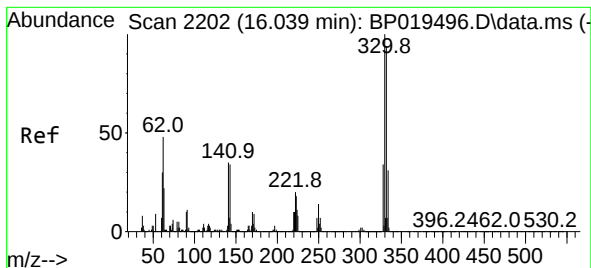
Tgt Ion: 82 Resp: 309146
Ion Ratio Lower Upper
82 100
128 36.6 29.7 44.5
54 46.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

Tgt Ion: 164 Resp: 160572
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 105.253 ng

RT: 16.022 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BP019806.D

Acq: 21 Feb 2024 14:05

Instrument :

BNA_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

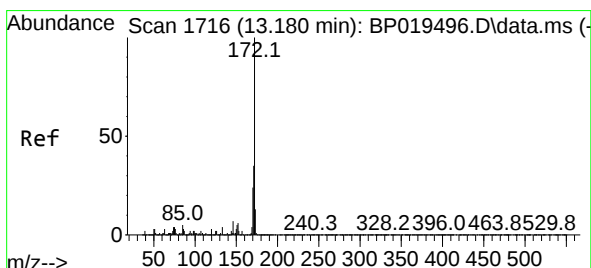
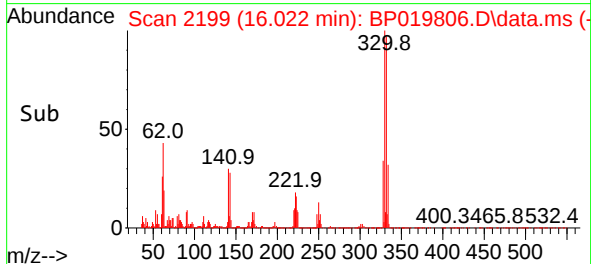
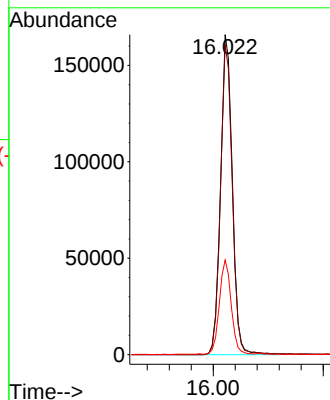
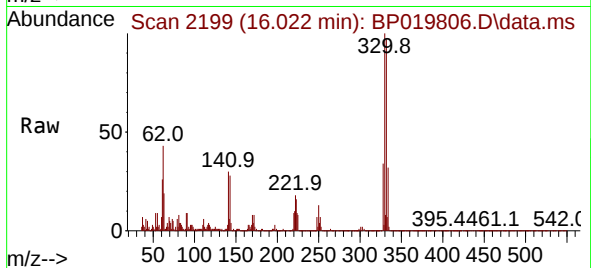
Tgt Ion:330 Resp: 246763

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 29.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 45.768 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019806.D

Acq: 21 Feb 2024 14:05

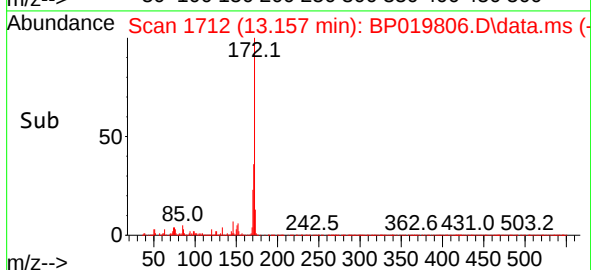
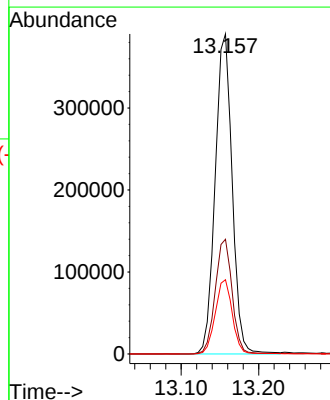
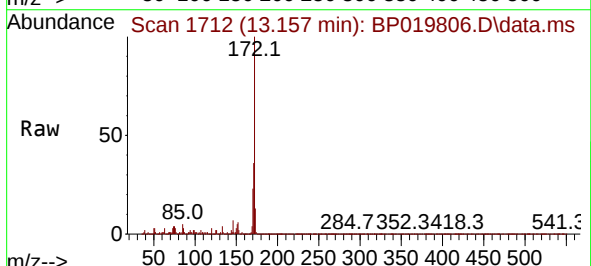
Tgt Ion:172 Resp: 594478

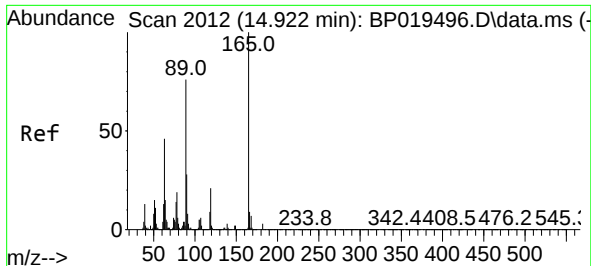
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.2 18.9 28.3

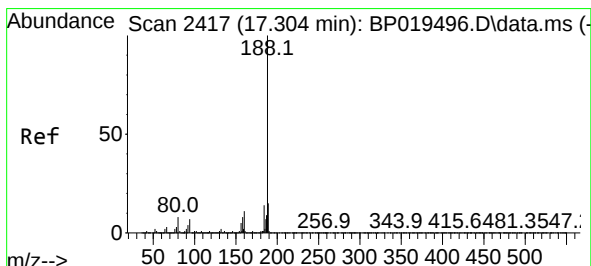
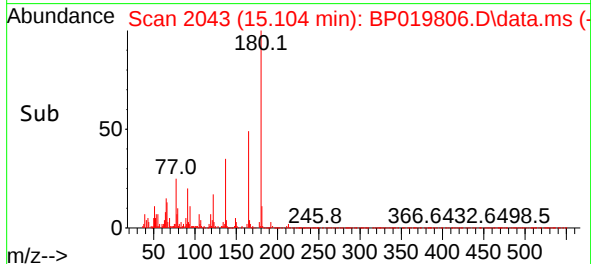
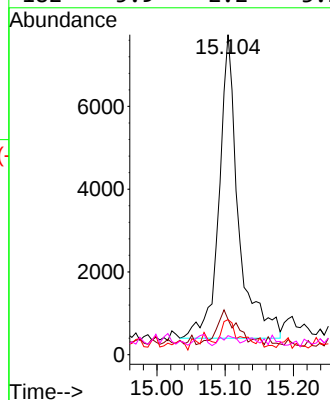
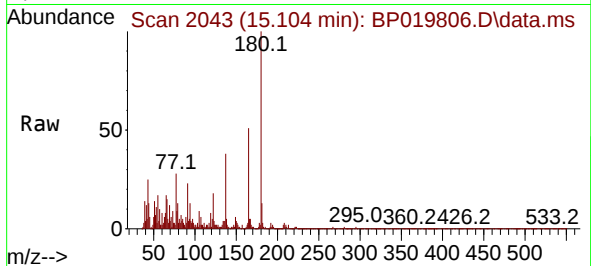




#57
2,4-Dinitrotoluene
Concen: 4.101 ng
RT: 15.104 min Scan# 2012
Delta R.T. 0.182 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

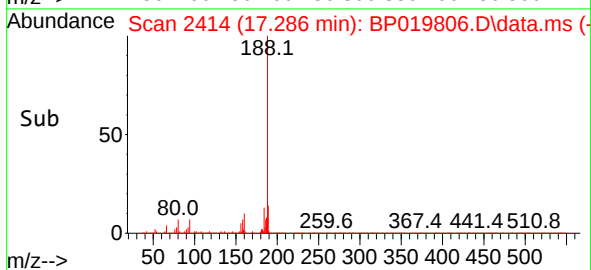
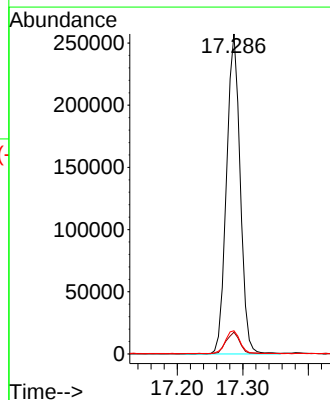
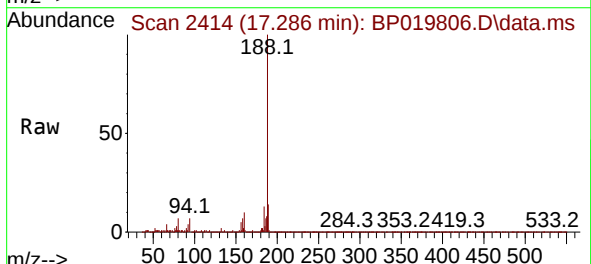
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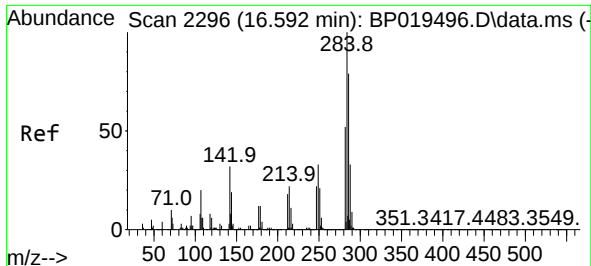
Tgt Ion:165 Resp: 14513
Ion Ratio Lower Upper
165 100
63 11.0 36.9 55.3#
89 11.0 61.1 91.7#
182 5.9 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

Tgt Ion:188 Resp: 371095
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.3 6.3 9.5

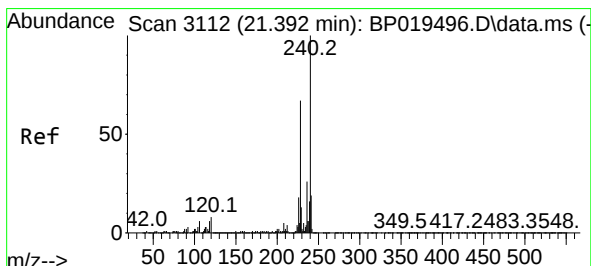
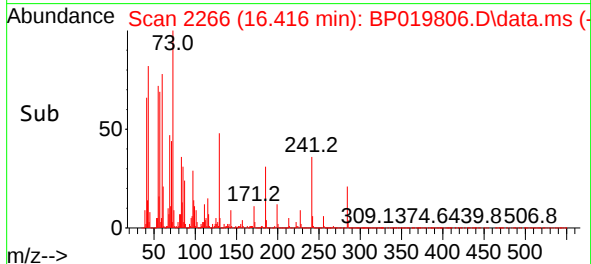
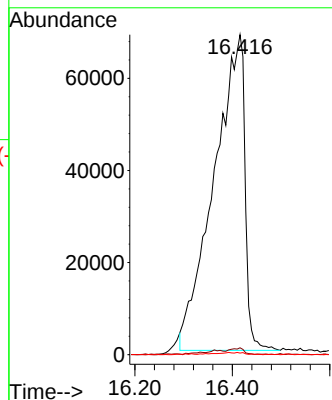
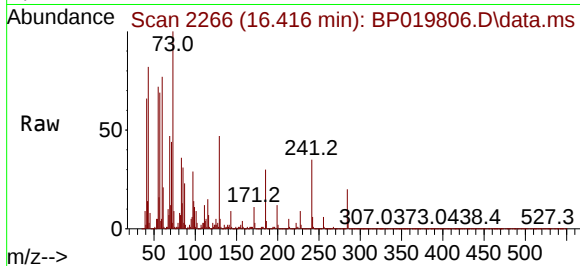




#68
Hexachlorobenzene
Concen: 55.775 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.171 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

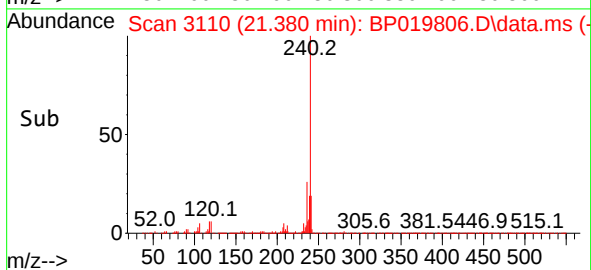
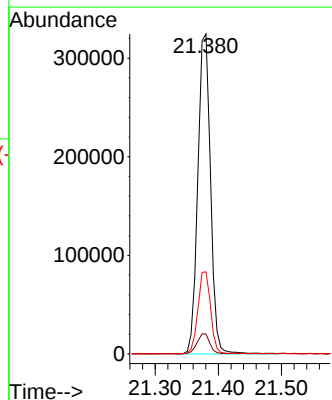
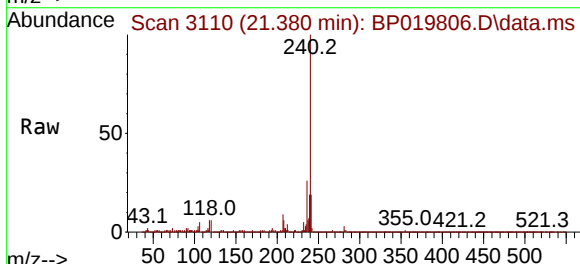
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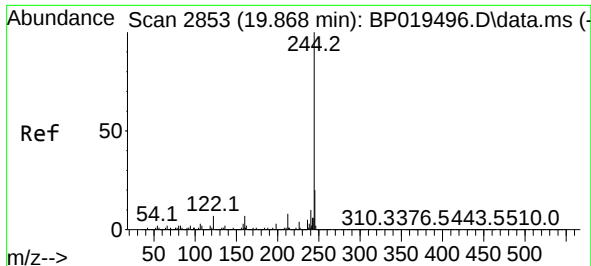
Tgt Ion:284 Resp: 302160
Ion Ratio Lower Upper
284 100
142 2.2 25.4 38.2#
249 0.5 26.5 39.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019806.D
Acq: 21 Feb 2024 14:05

Tgt Ion:240 Resp: 453348
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 25.7 20.7 31.1



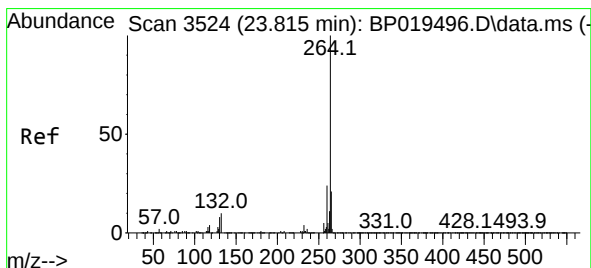
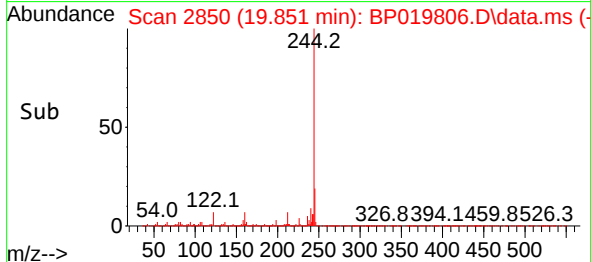
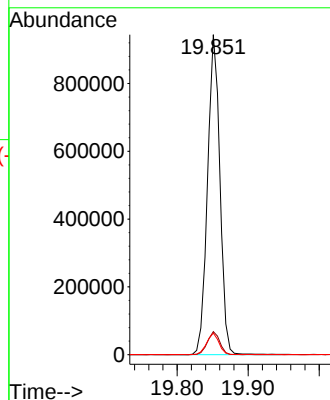
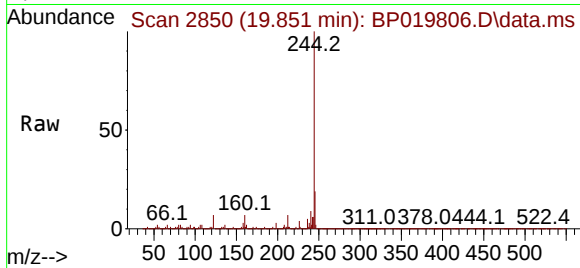


#79
 Terphenyl-d14
 Concen: 41.550 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019806.D
 Acq: 21 Feb 2024 14:05

Instrument :
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 20240763-COMPOSITE-39N-N-3-01

Tgt Ion:244 Resp: 1145392

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.8	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3520
 Delta R.T. -0.018 min
 Lab File: BP019806.D
 Acq: 21 Feb 2024 14:05

Tgt Ion:264 Resp: 531065

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.0	25.4

