

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026124.D
 Acq On : 12 Nov 2025 22:47
 Operator : RC/JU
 Sample : Q3598-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-CONCRETE

Quant Time: Nov 13 01:15:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

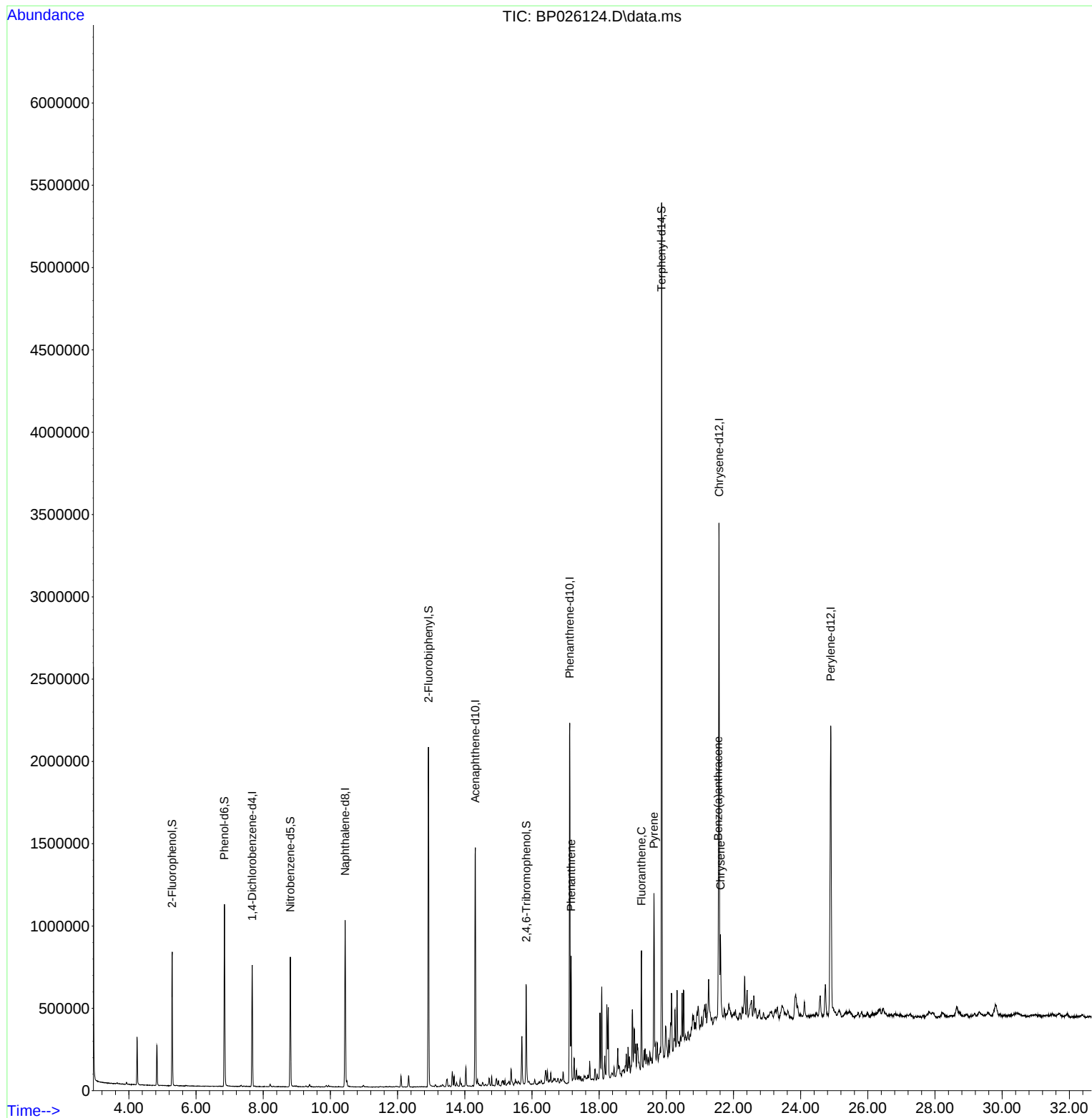
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	214652	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	855436	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	578242	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1393014	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1574279	20.000	ng	0.00
86) Perylene-d12	24.895	264	1742984	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	356830	27.431	ng	0.00
7) Phenol-d6	6.843	99	647422	39.102	ng	-0.01
23) Nitrobenzene-d5	8.807	82	431750	31.464	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	119810	19.165	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1178273	29.280	ng	-0.01
79) Terphenyl-d14	19.860	244	2585116	33.362	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.166	178	431190	5.318	ng	100
75) Fluoranthene	19.260	202	404816	4.280	ng	98
78) Pyrene	19.630	202	720308	6.765	ng	99
81) Benzo(a)anthracene	21.548	228	285401	2.638	ng	92
83) Chrysene	21.613	228	330705	3.227	ng	96

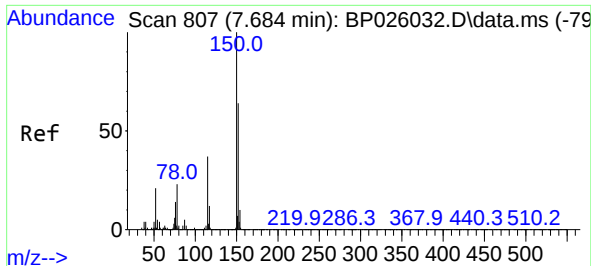
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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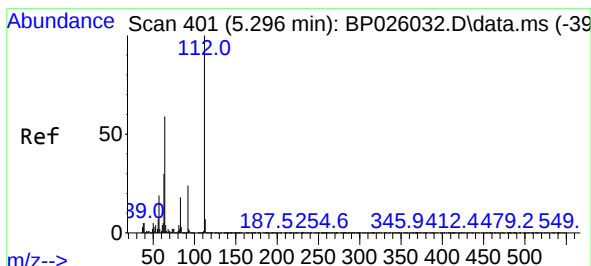
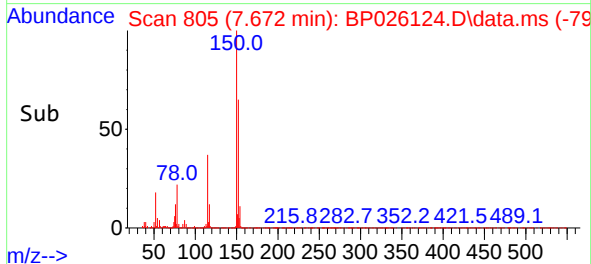
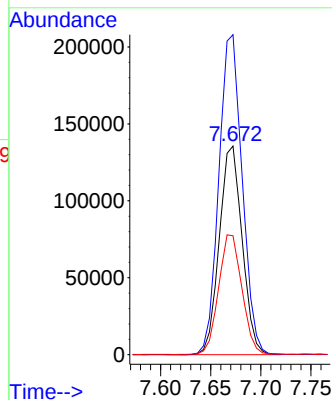
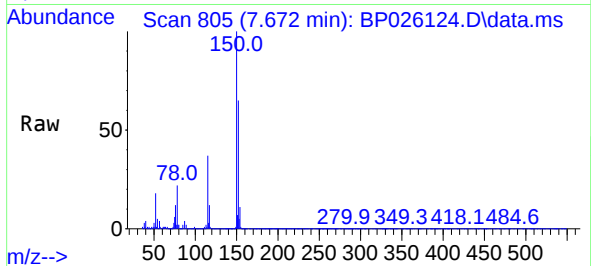




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

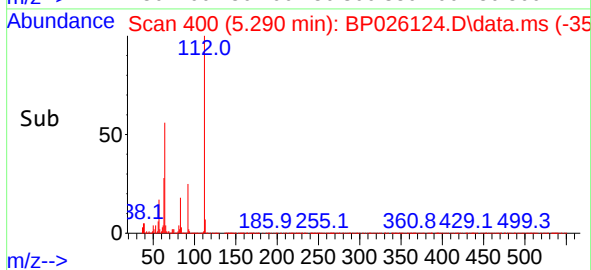
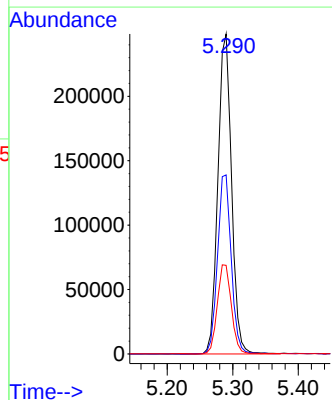
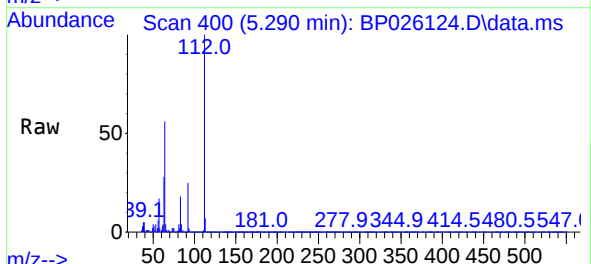
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

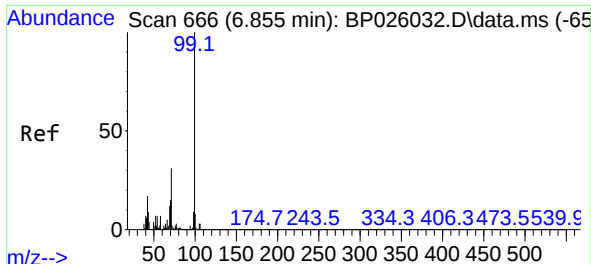
Tgt Ion:152 Resp: 214652
Ion Ratio Lower Upper
152 100
150 153.4 125.7 188.5
115 57.0 46.4 69.6



#5
2-Fluorophenol
Concen: 27.431 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:112 Resp: 356830
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 27.7 24.2 36.4

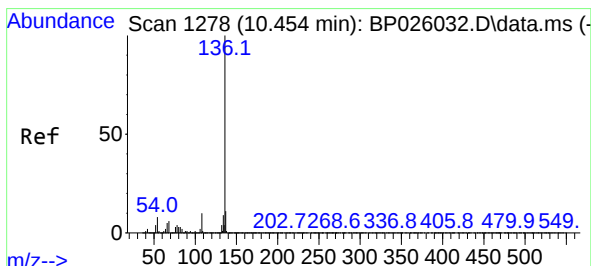
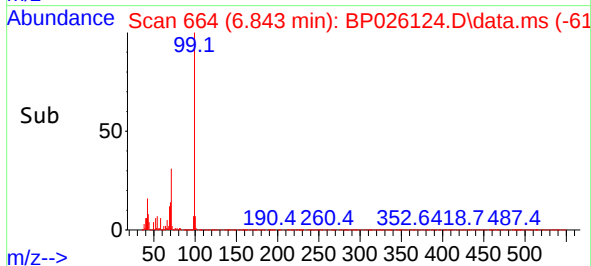
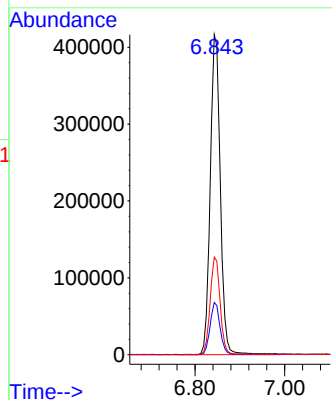
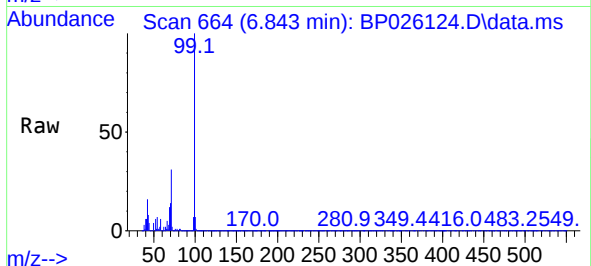




#7
Phenol-d6
Concen: 39.102 ng
RT: 6.843 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

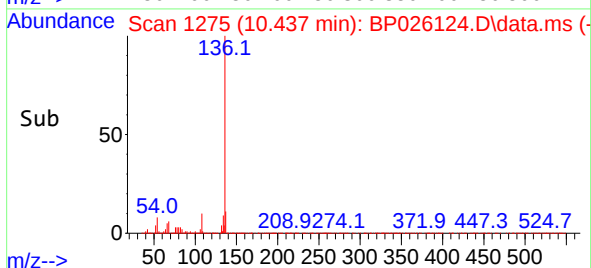
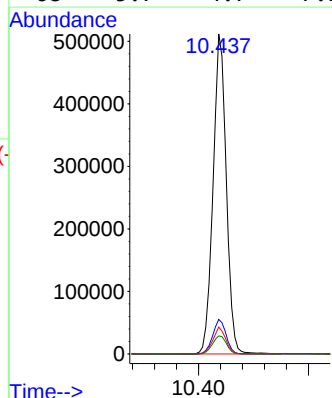
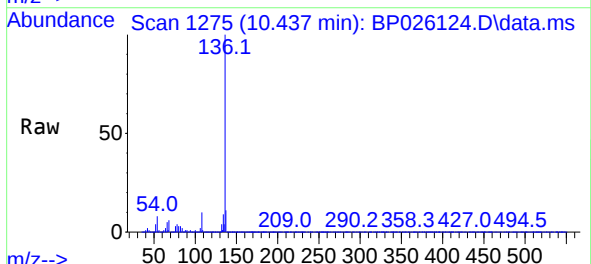
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

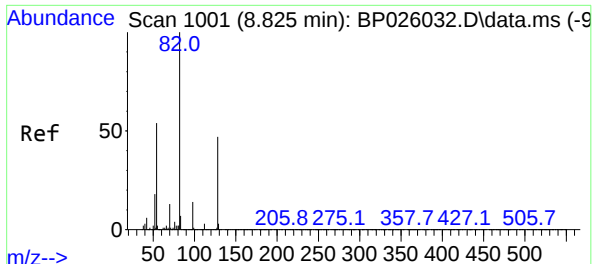
Tgt Ion: 99 Resp: 647422
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion: 136 Resp: 855436
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 6.6 10.0
68 5.7 4.7 7.1

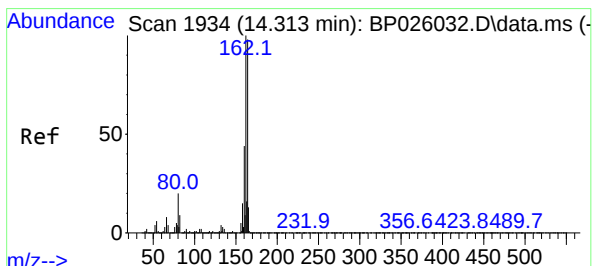
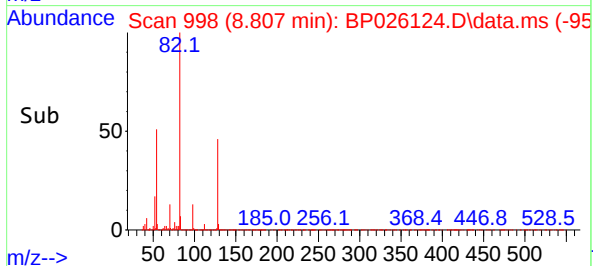
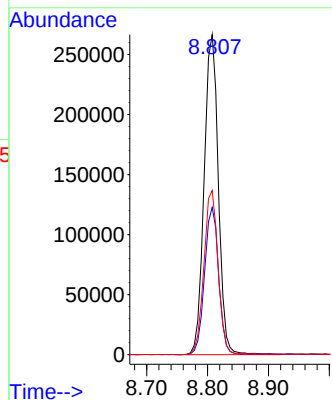
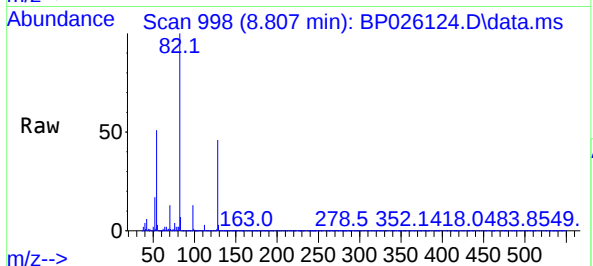




#23
Nitrobenzene-d5
Concen: 31.464 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.017 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

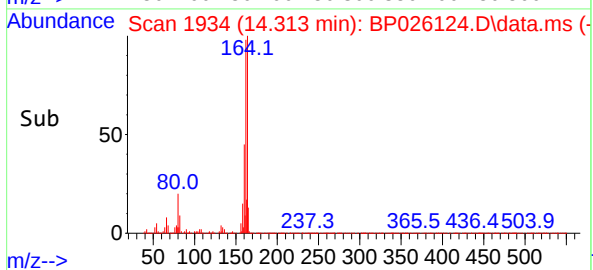
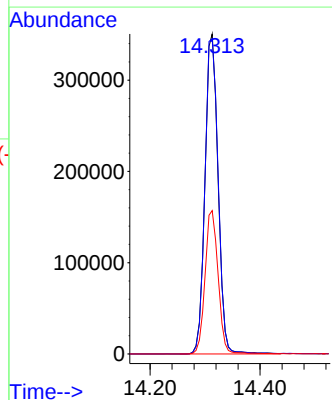
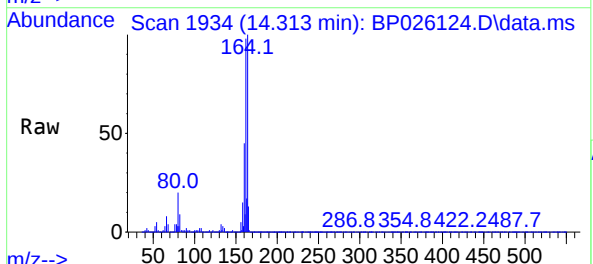
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

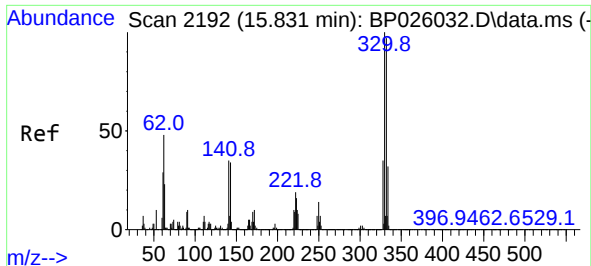
Tgt Ion: 82 Resp: 431750
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.0
54 51.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:164 Resp: 578242
Ion Ratio Lower Upper
164 100
162 98.5 81.5 122.3
160 44.8 36.2 54.4

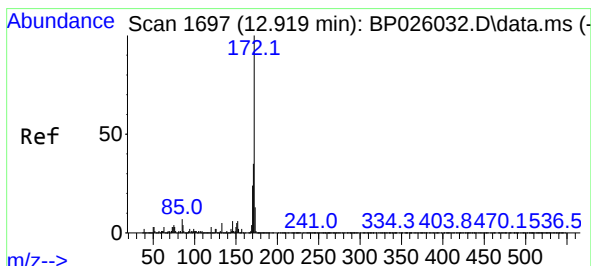
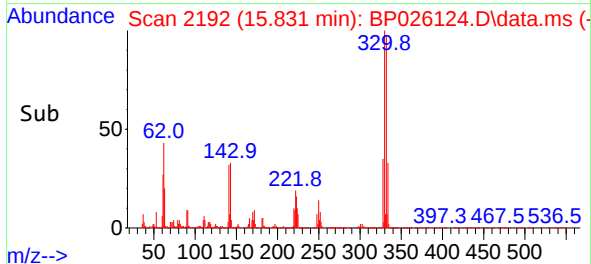
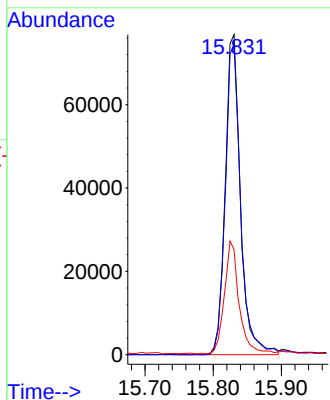
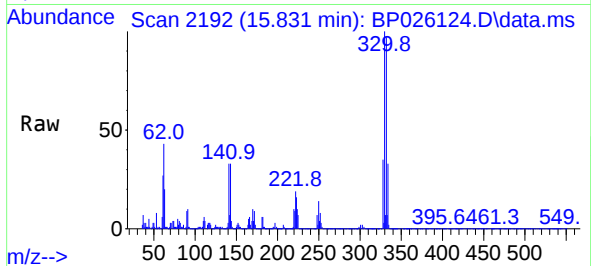




#42
2,4,6-Tribromophenol
Concen: 19.165 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

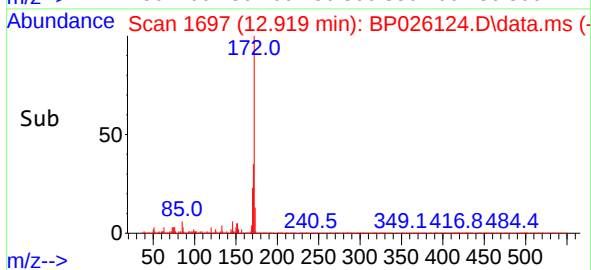
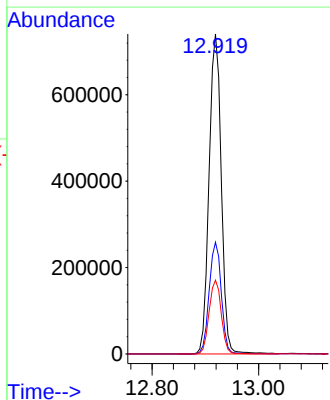
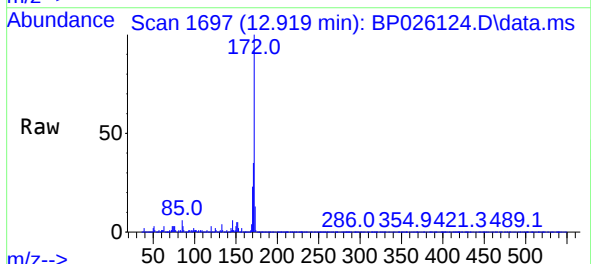
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

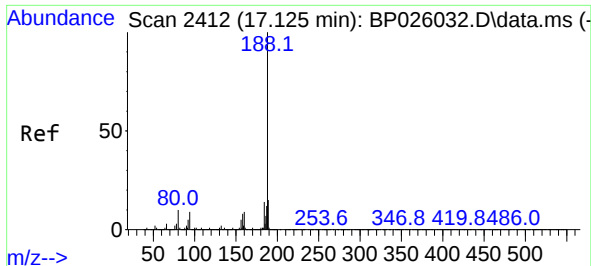
Tgt Ion:	330	Resp:	119810
Ion Ratio	Lower	Upper	
330	100		
332	99.1	77.3	115.9
141	33.9	28.6	42.8



#45
2-Fluorobiphenyl
Concen: 29.280 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:	172	Resp:	1178273
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.9	41.9
170	23.0	19.0	28.4

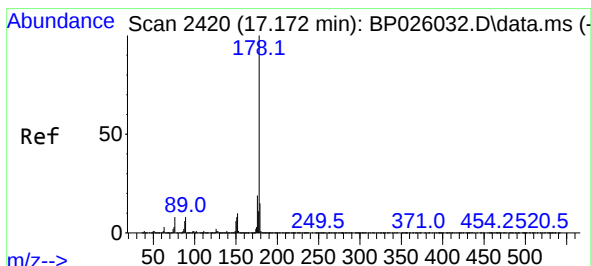
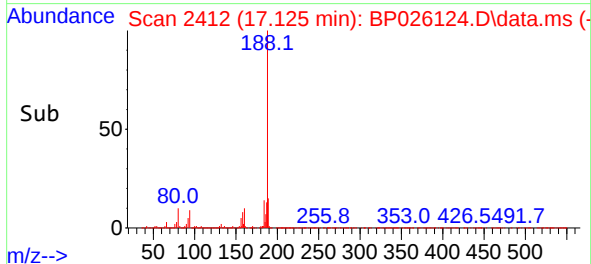
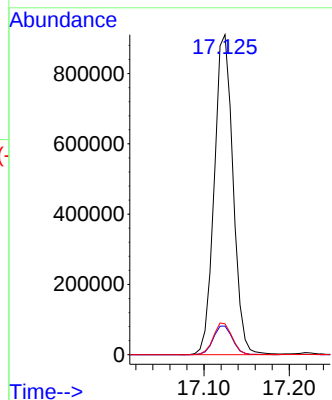
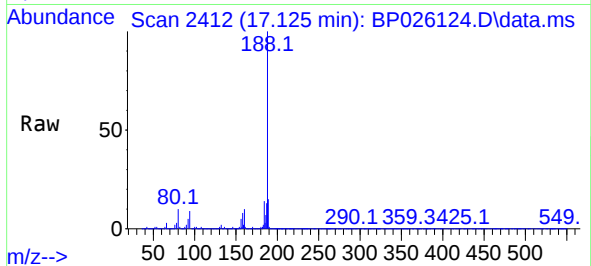




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

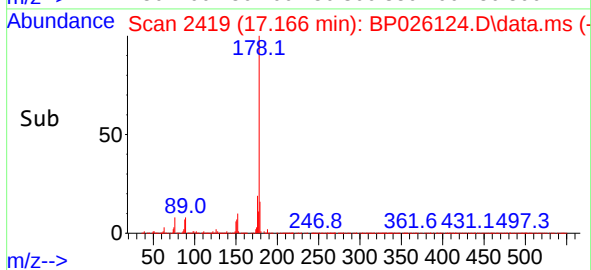
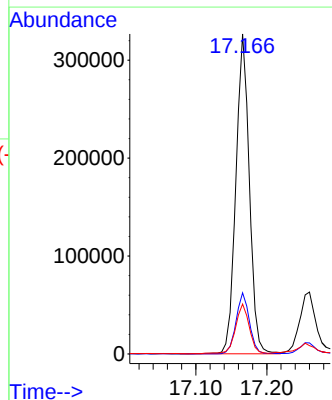
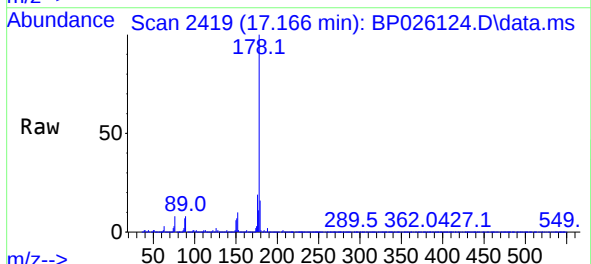
Instrument :
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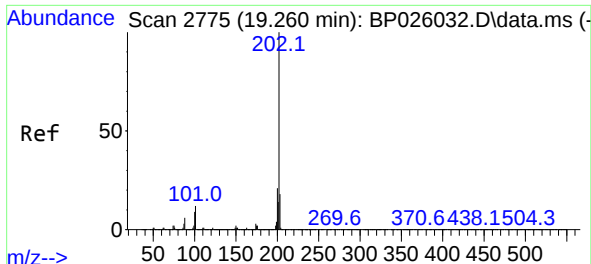
Tgt Ion:188 Resp: 1393014
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.7 7.9 11.9



#71
Phenanthrene
Concen: 5.318 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:178 Resp: 431190
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.3 18.5

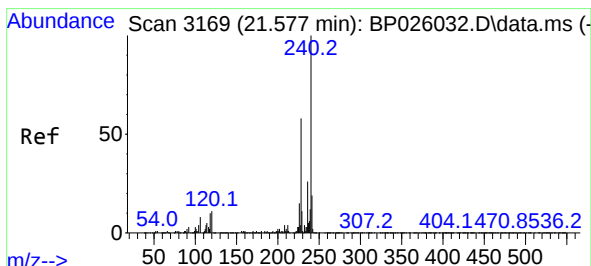
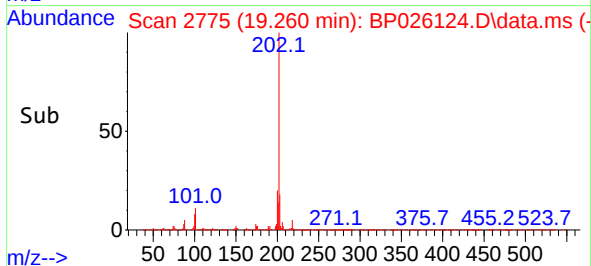
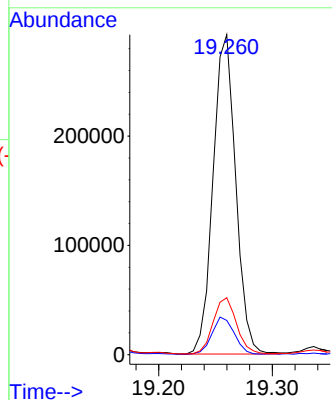
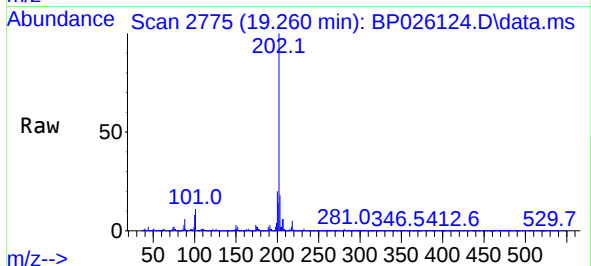




#75
Fluoranthene
Concen: 4.280 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

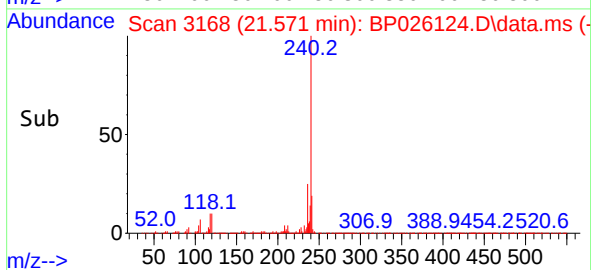
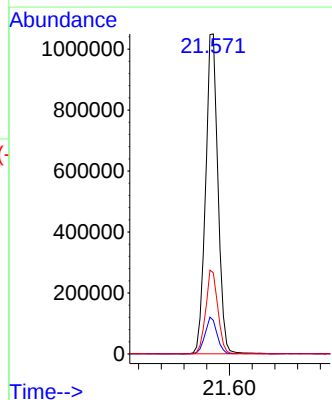
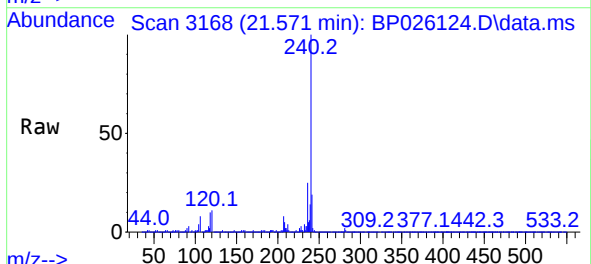
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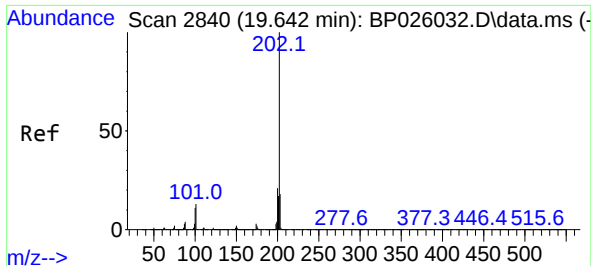
Tgt Ion:202 Resp: 404816
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.1
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:240 Resp: 1574279
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.4 20.6 31.0

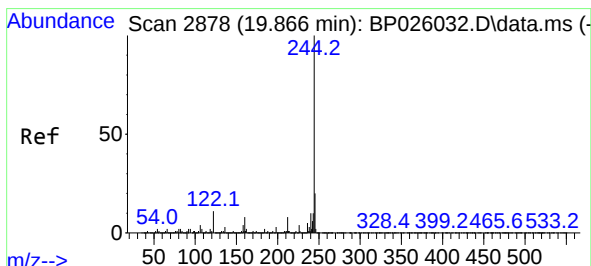
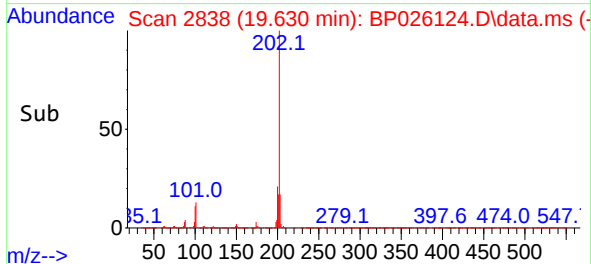
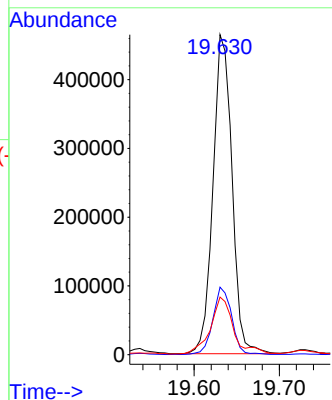
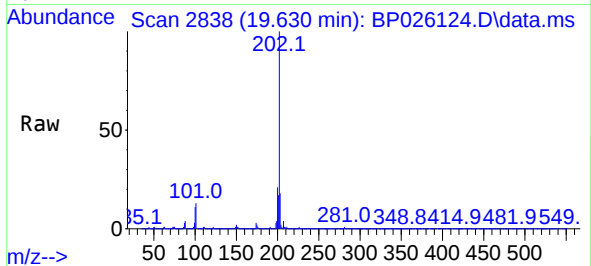




#78
Pyrene
Concen: 6.765 ng
RT: 19.630 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

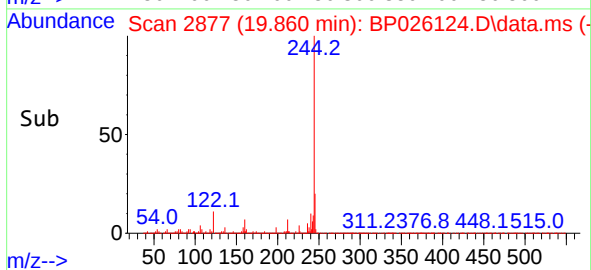
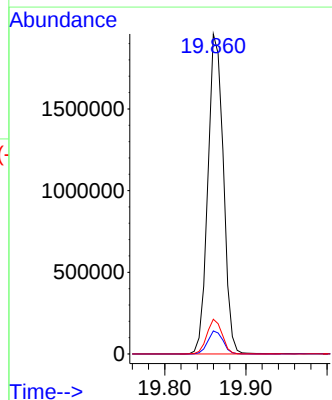
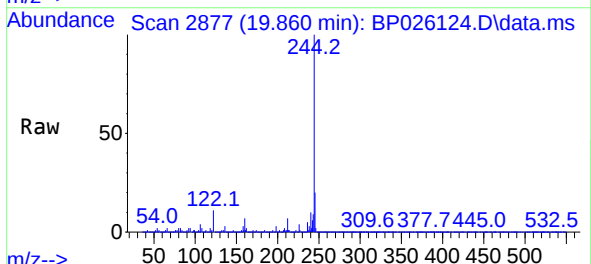
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

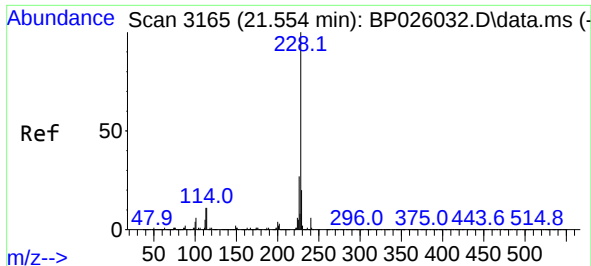
Tgt Ion:202 Resp: 720308
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.0 14.0 21.0



#79
Terphenyl-d14
Concen: 33.362 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Tgt Ion:244 Resp: 2585116
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.9 9.0 13.6

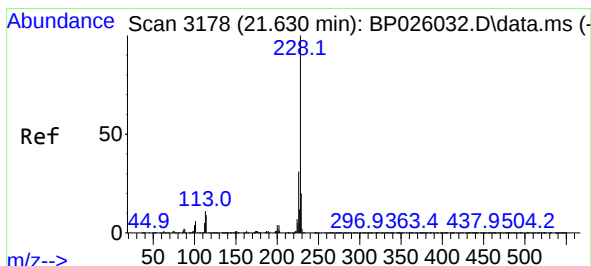
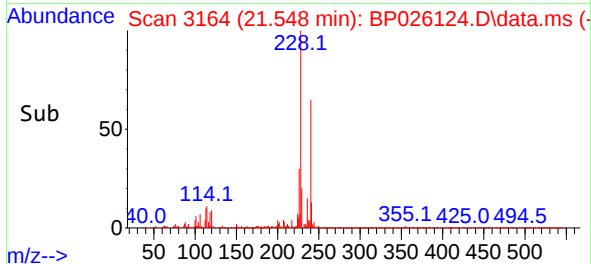
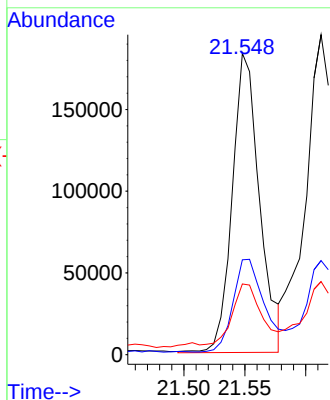
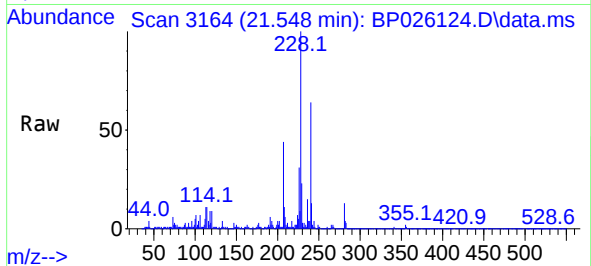




#81
Benzo(a)anthracene
Concen: 2.638 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

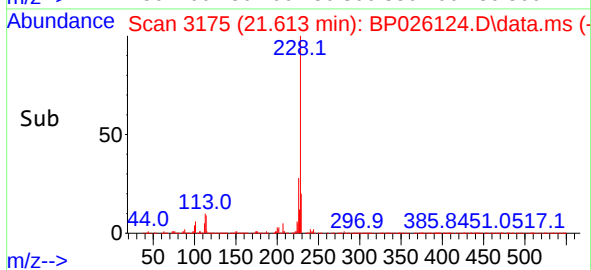
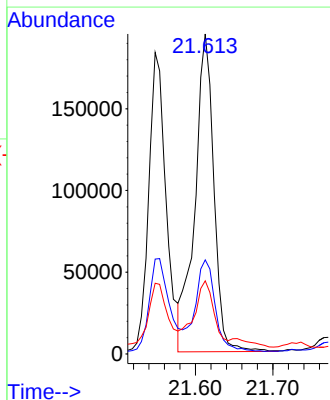
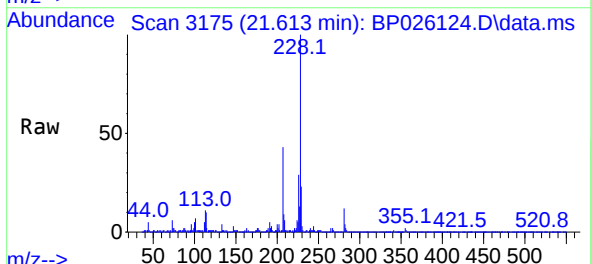
Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE

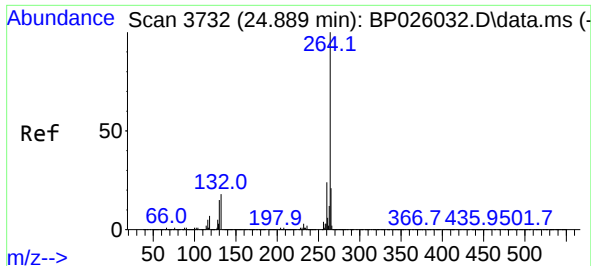
Tgt Ion:228 Resp: 285401
Ion Ratio Lower Upper
228 100
226 31.5 21.7 32.5
229 23.5 15.8 23.8



#83
Chrysene
Concen: 3.227 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

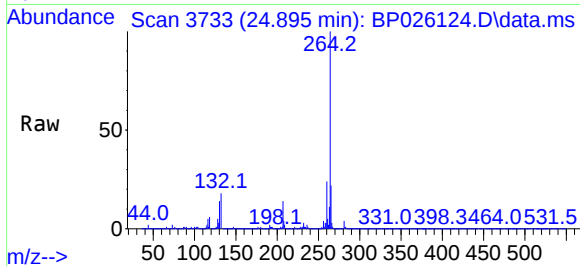
Tgt Ion:228 Resp: 330705
Ion Ratio Lower Upper
228 100
226 29.4 24.4 36.6
229 22.9 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026124.D
Acq: 12 Nov 2025 22:47

Instrument :
BNA_P
ClientSampleId :
EO-CONCRETE



Tgt Ion:264 Resp: 1742984
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.8 17.2 25.8

