Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047228.D
Acq On : 16 Aug 2024 10:27
Operator : RC/JU
Sample : PB162754BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Quant Time: Aug 16 11:28:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	306825	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1159594	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	798997	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1679463	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1197441	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1184194	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2040803	118.849	ng	0.00
7) Phenol-d6	6.581	99	2656903	112.292	ng	0.00
23) Nitrobenzene-d5	8.510	82	1749044	75.949	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	1176058	126.942	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	4147917	80.079	ng	-0.02
79) Terphenyl-d14	19.451	244	5920344	105.942	ng	-0.01
Target Compounds						Qvalue

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

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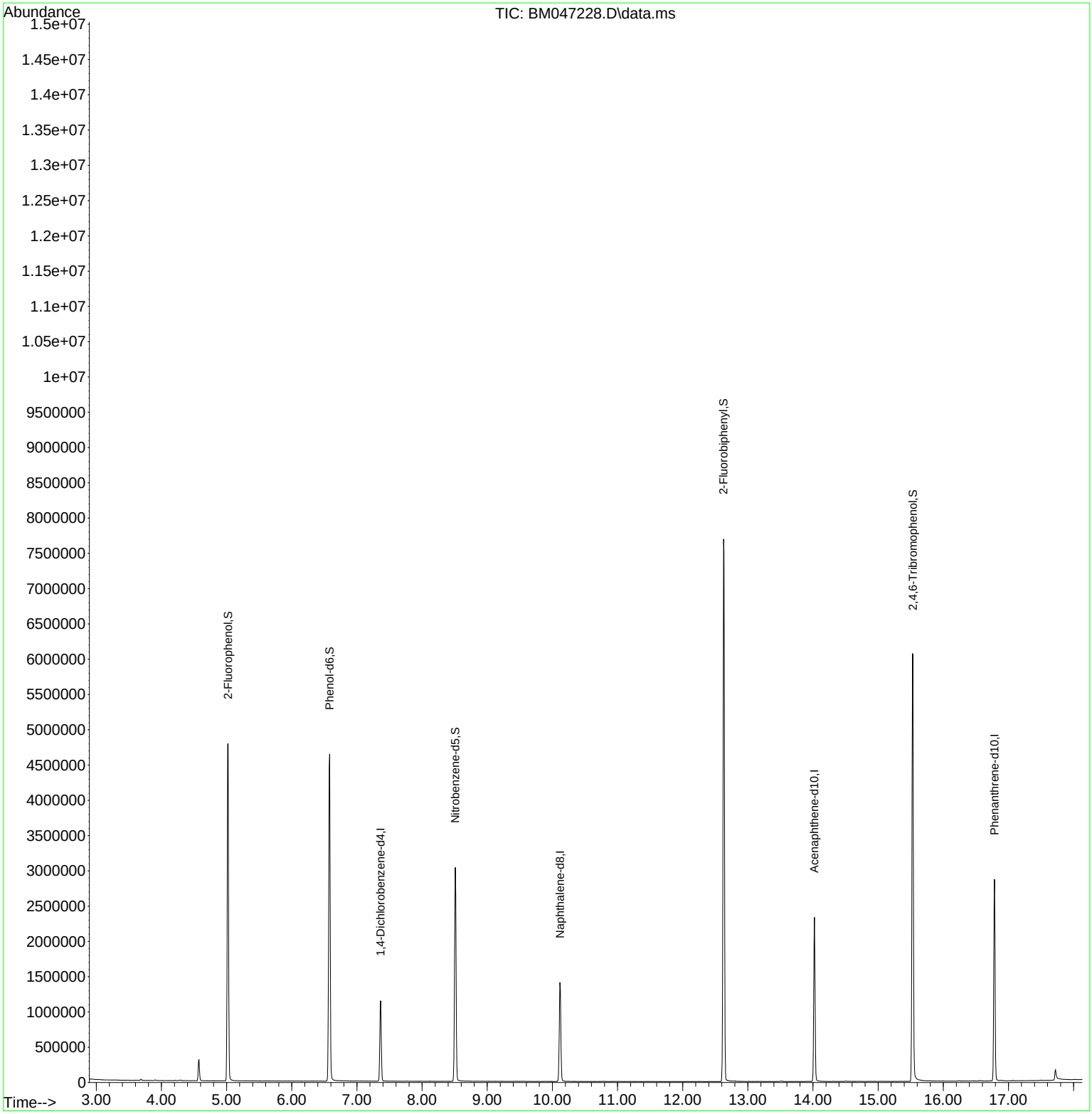

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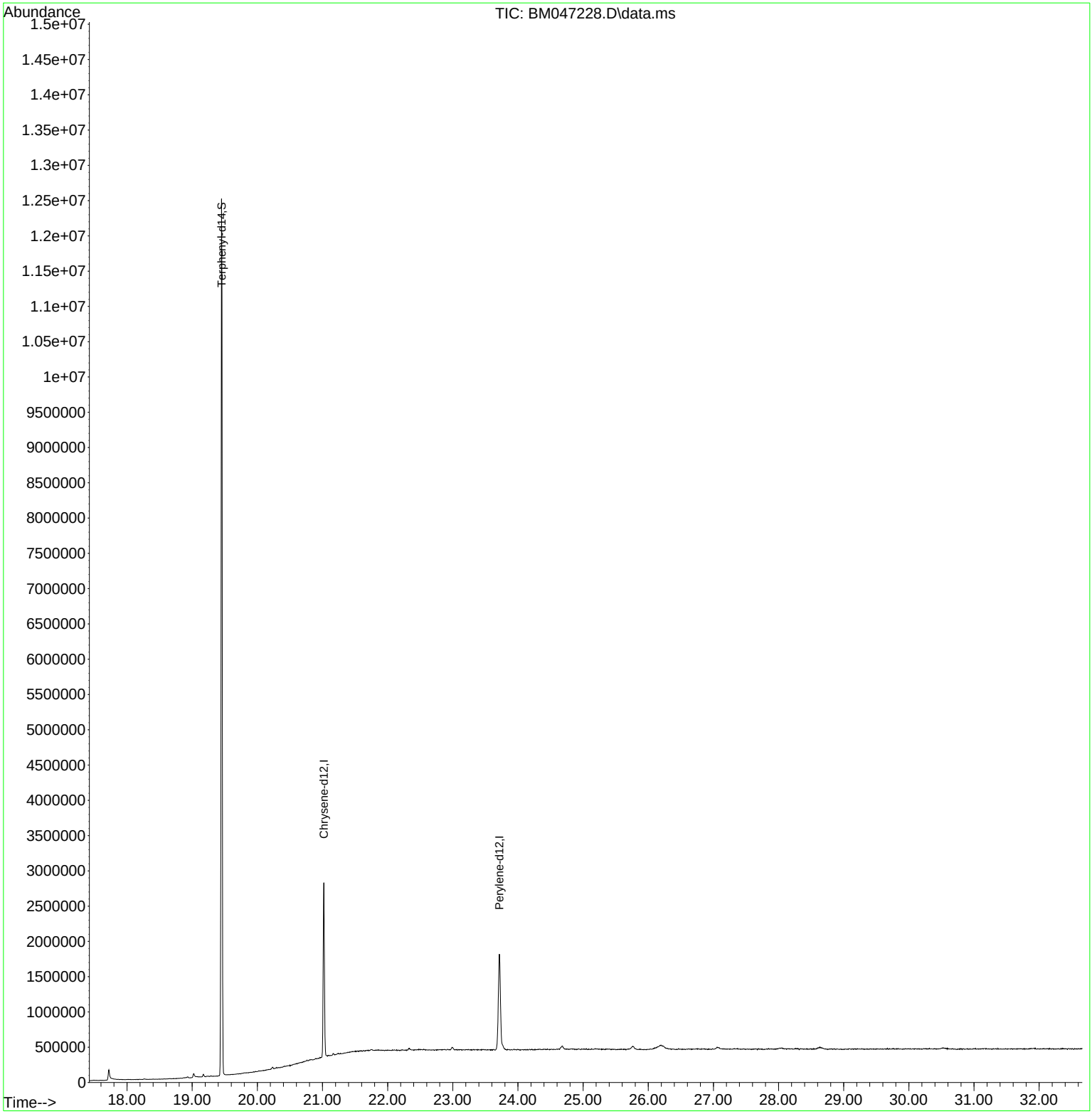
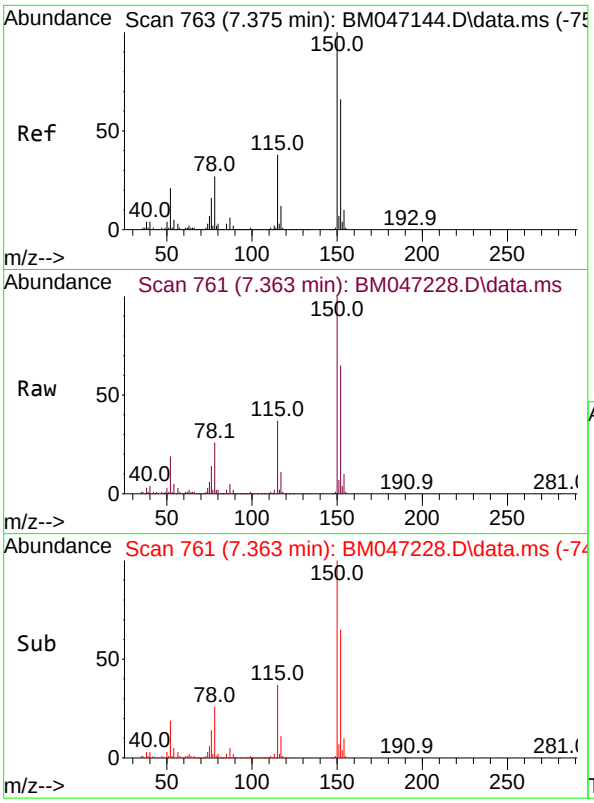


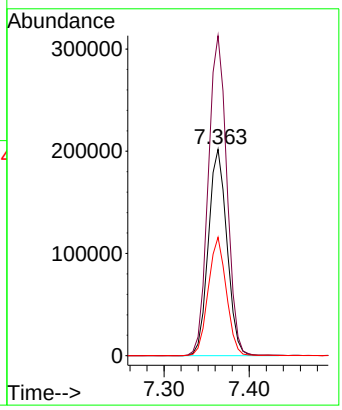


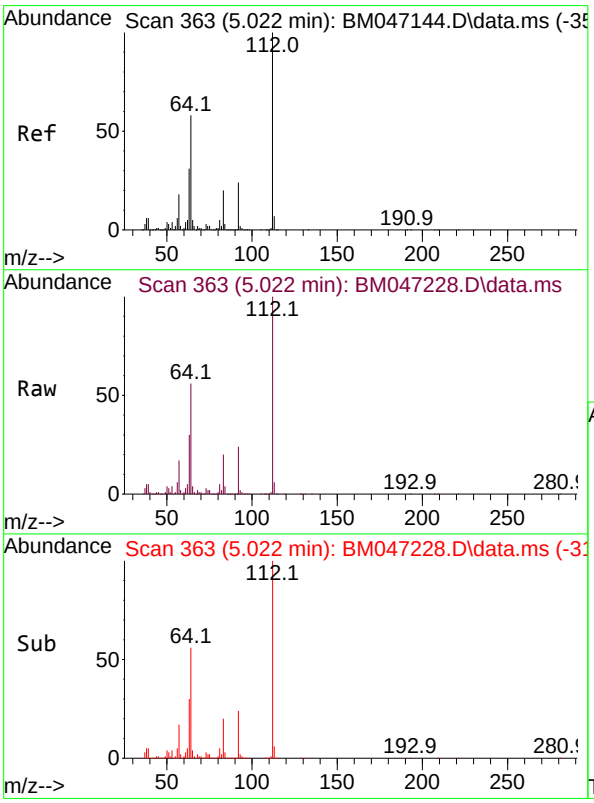
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion:152 Resp: 306825

Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.5	180.7
115	57.3	45.5	68.3

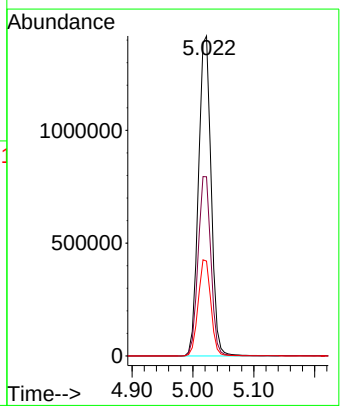


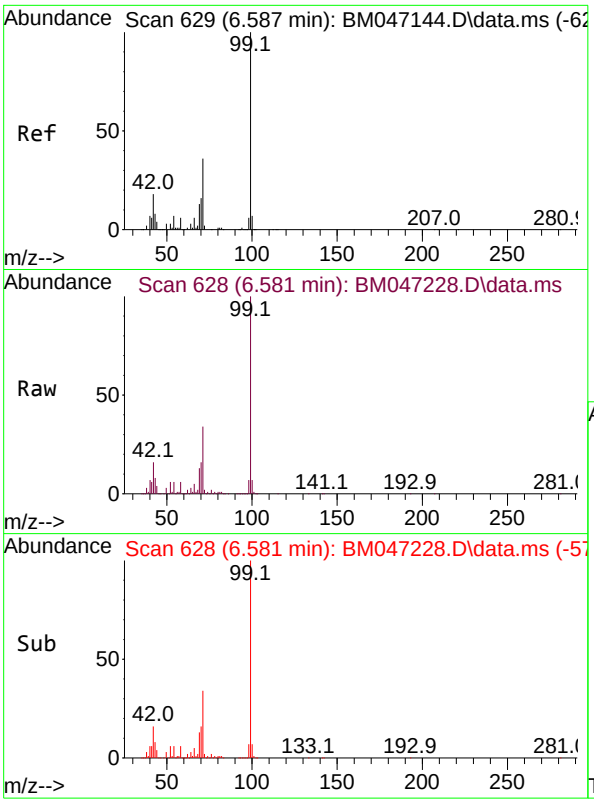


#5
2-Fluorophenol
Concen: 118.849 ng
RT: 5.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:112 Resp: 2040803

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.7	70.1
63	29.6	24.8	37.2



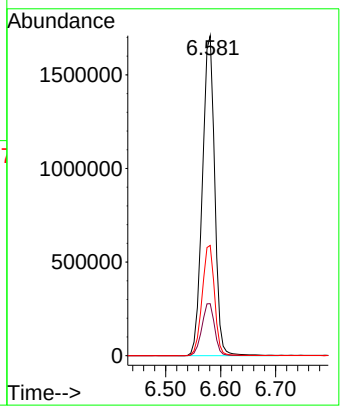


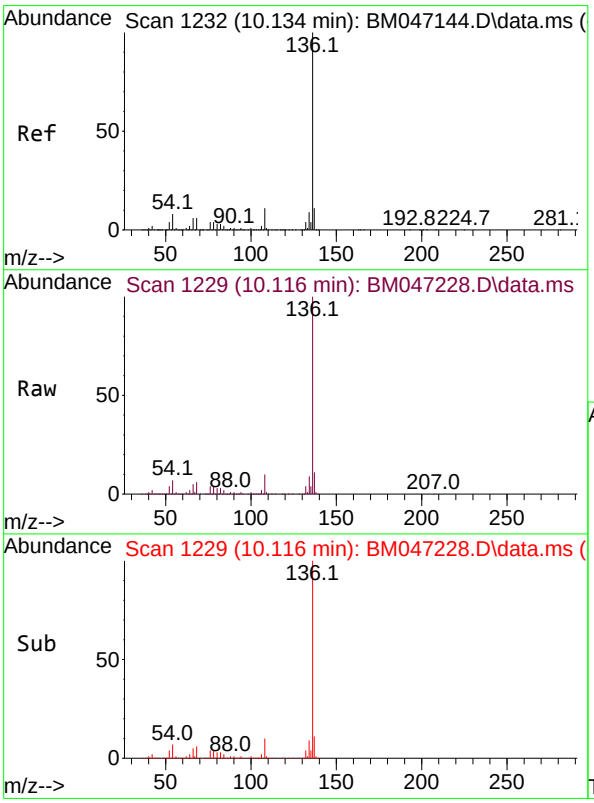
#7
Phenol-d6
Concen: 112.292 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion: 99 Resp: 2656903

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	34.5	28.5	42.7

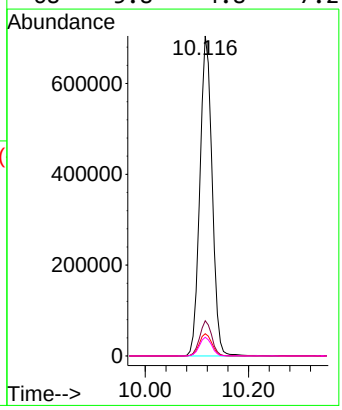


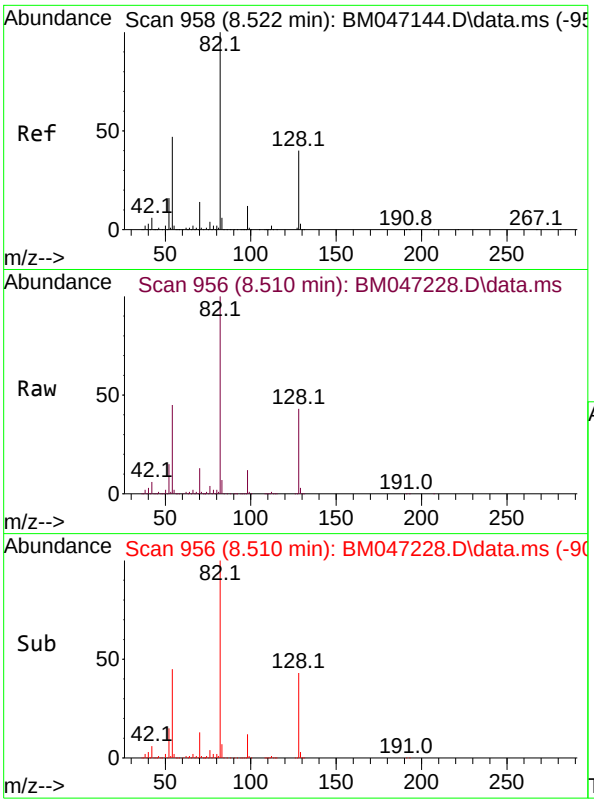


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:136 Resp: 1159594

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	6.0	9.0
68	5.8	4.8	7.2



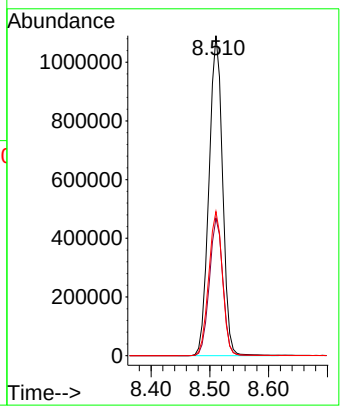


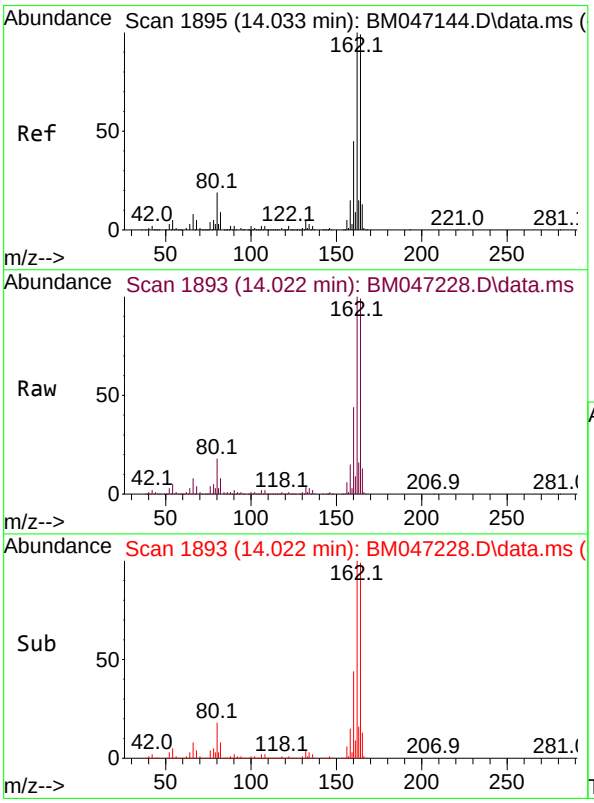
#23
Nitrobenzene-d5
Concen: 75.949 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion: 82 Resp: 1749044

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.3	48.5
54	45.1	37.4	56.2

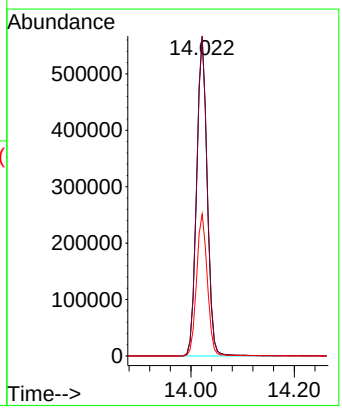


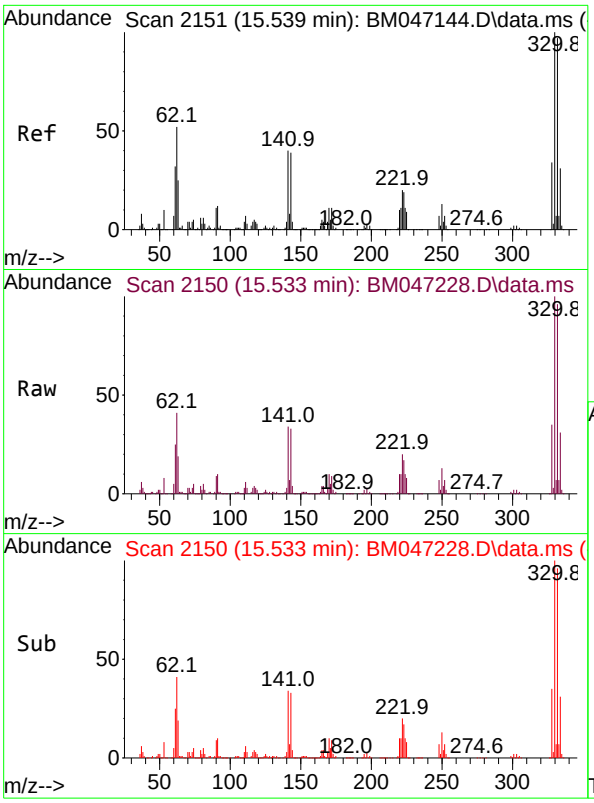


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:164 Resp: 798997

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	44.6	36.0	54.0



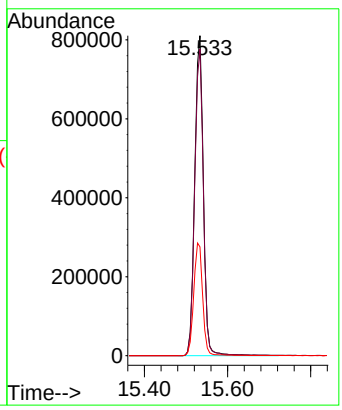


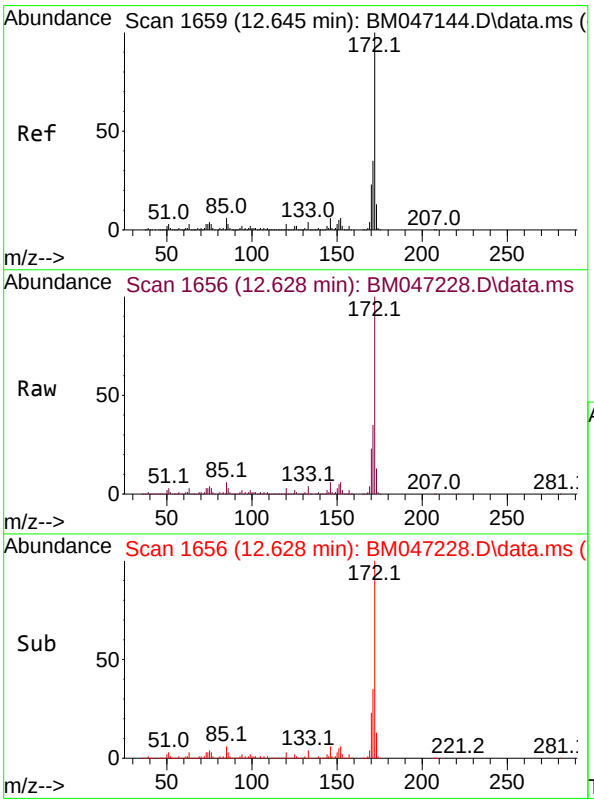
#42
2,4,6-Tribromophenol
Concen: 126.942 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion:330 Resp: 1176058

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	36.3	31.6	47.4

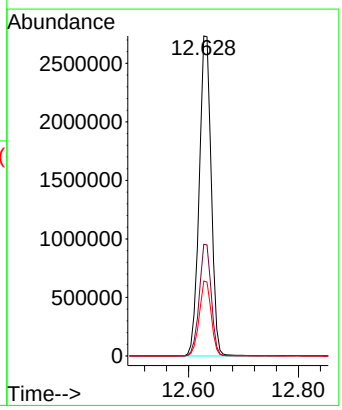


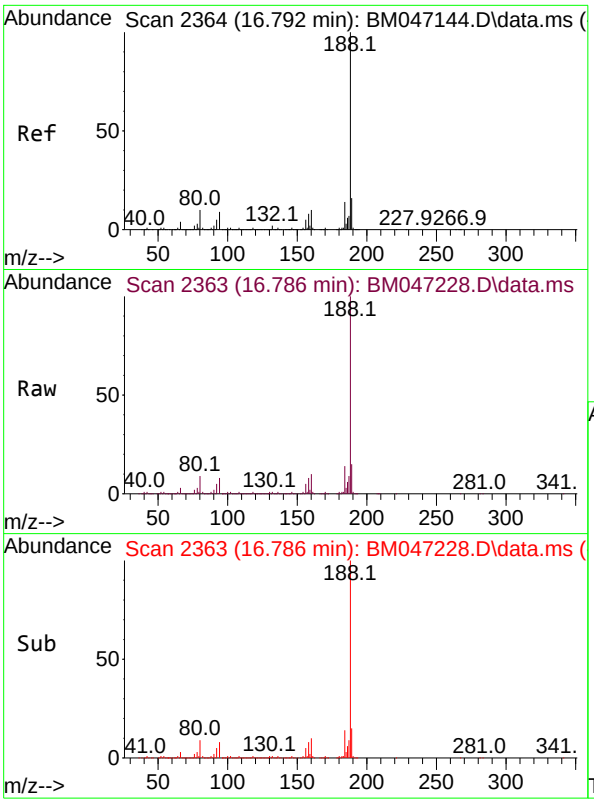


#45
2-Fluorobiphenyl
Concen: 80.079 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:172 Resp: 4147917

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.7	28.1



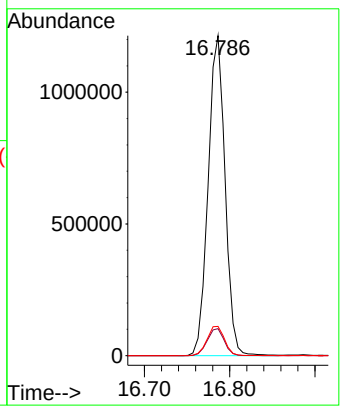


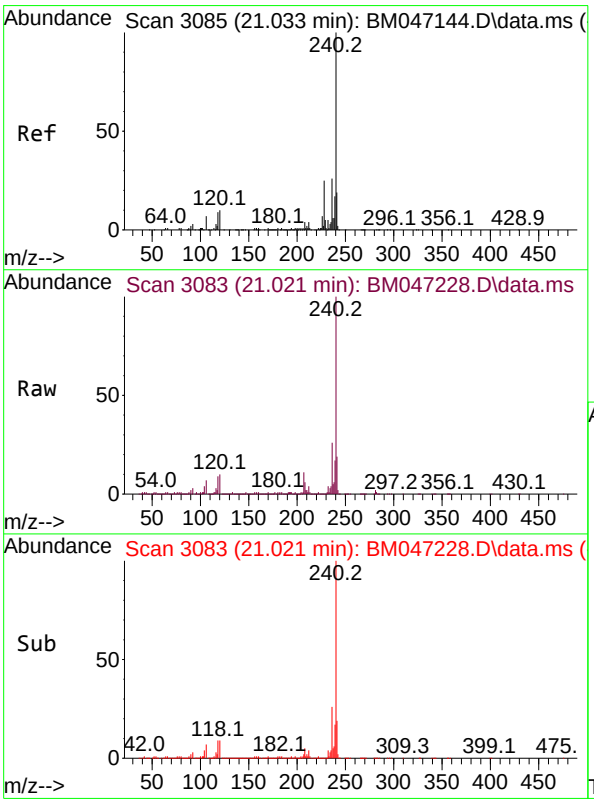
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion:188 Resp: 1679463

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.2	8.0	12.0

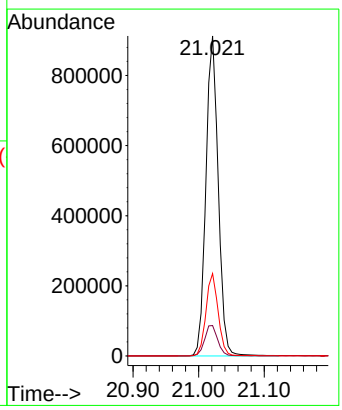


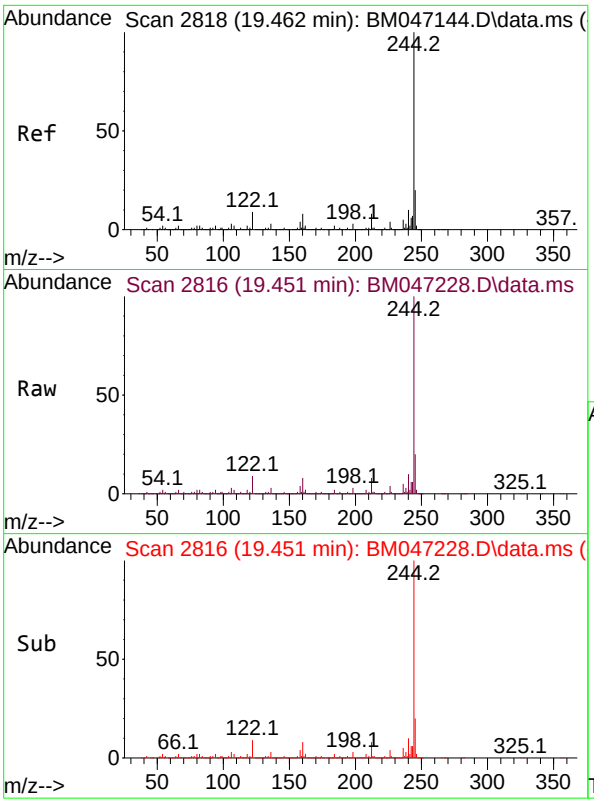


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:240 Resp: 1197441

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	25.8	20.6	30.8



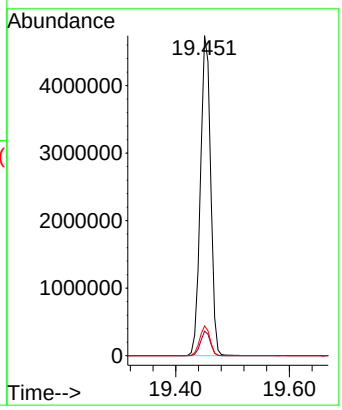


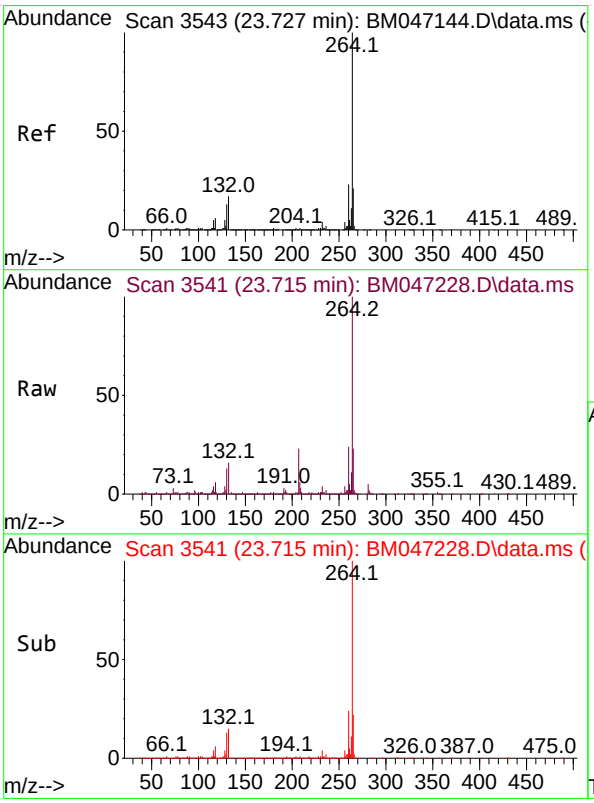
#79
Terphenyl-d14
Concen: 105.942 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Instrument :
BNA_M
ClientSampleId :
PB162754BL

Tgt Ion:244 Resp: 5920344

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BM047228.D
Acq: 16 Aug 2024 10:27

Tgt Ion:264 Resp: 1184194

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.6	17.3	25.9